

Geology
GJBX (78)-108

GJBX 108-(78)

NURE AERIAL GAMMA-RAY AND MAGNETIC
RECONNAISSANCE SURVEY

COOK INLET ALASKA AREA

TYONEK	<u>KENAI</u>	SELDOVIA
ANCHORAGE	SEWARD	BLYING SOUND

QUADRANGLES

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VOLUME II

LKB RESOURCES, INC.
55 BUCK ROAD
HUNTINGDON VALLEY, PENNSYLVANIA 19006

JULY, 1978

WORK PERFORMED UNDER
BENDIX FIELD ENGINEERING CORPORATION GRAND JUNCTION OPERATIONS
SUBCONTRACT NO. 76-015-S AND BENDIX CONTRACT EY-76-C-13-1664

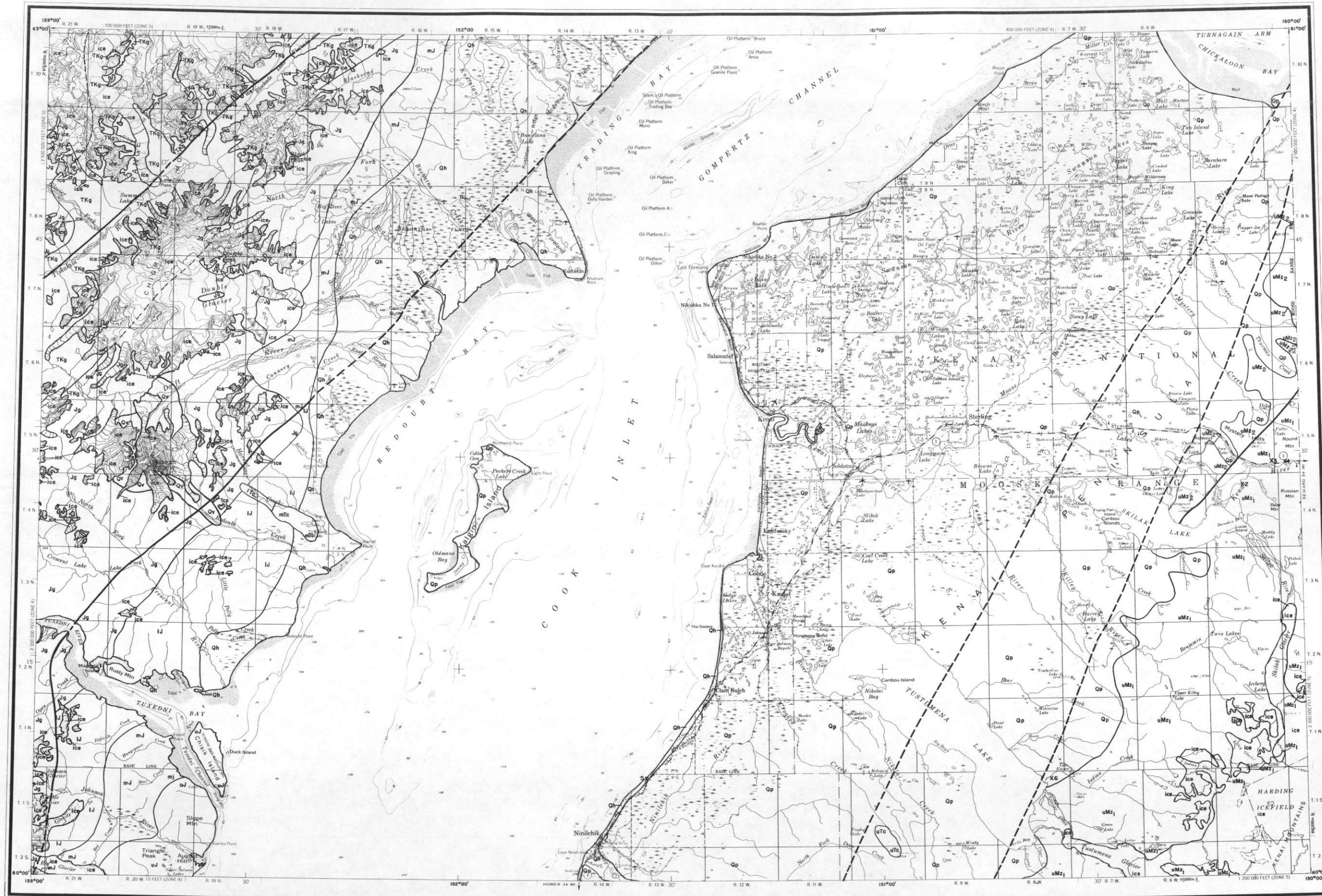
PREPARED FOR THE
DEPARTMENT OF ENERGY
GRAND JUNCTION OFFICE
GRAND JUNCTION, COLORADO 81501

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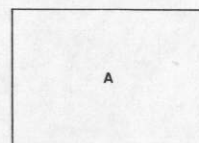
KENAI



LEGEND	
STRATIFIED SEDIMENTARY AND VOLCANIC ROCKS MAINLY MARINE, IN PART METAMORPHOSED	
QUATERNARY	Qh HOLOCENE DEPOSITS
	Qp PLEISTOCENE DEPOSITS
JURASSIC-CRETACEOUS	uMz1 CRETACEOUS AND UPPER JURASSIC (?) ROCKS
	uMz2 CRETACEOUS AND (OR) UPPER JURASSIC ROCKS
JURASSIC	uj UPPER JURASSIC ROCKS
	mj MIDDLE JURASSIC ROCKS
	lj LOWER JURASSIC ROCKS
TRIASSIC	ur UPPER TRIASSIC ROCKS
CONTINENTAL DEPOSITS	
TERTIARY	uTc UPPER TERTIARY CONTINENTAL DEPOSITS
	mTc MIDDLE TERTIARY CONTINENTAL DEPOSITS
	lTc LOWER TERTIARY CONTINENTAL DEPOSITS
VOLCANIC ROCKS-MAINLY SUBAERIAL	
QUATERNARY	Qv QUATERNARY VOLCANIC ROCKS
TRIASSIC	rv TRIASSIC VOLCANIC ROCKS
PLUTONIC AND HYPABYSSAL ROCKS FELSIC COMPOSITION	
TERTIARY	Tg TERTIARY GRANITIC ROCKS
	TKg TERTIARY AND CRETACEOUS GRANITIC ROCKS
	Mzg MESOZOIC GRANITIC ROCKS
	Jg JURASSIC GRANITIC ROCKS
JURASSIC-CRETACEOUS	
PRECAMBRIAN?	um ULTRAMAFIC ROCKS OF UNCERTAIN AGE
ULTRAMAFIC COMPOSITION	
METAMORPHIC ROCKS	
TRIASSIC-JURASSIC	Jrm JURASSIC AND TRIASSIC METAMORPHIC ROCKS
CONTACT, DASHED WHERE INFERRED OR CONCEALED.	
FAULT, DASHED WHERE INFERRED OR CONCEALED.	
39, X 48, 171, 145 METALLIC MINERAL OCCURRENCE IDENTIFIED IN REPORT.	
SOURCE U.S.G.S. PUBLICATION MF 377	
ICE - ice, WATER	

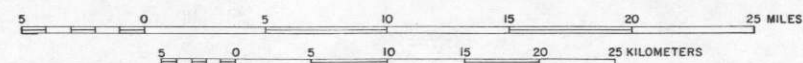
BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

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SCALE 1:500,000



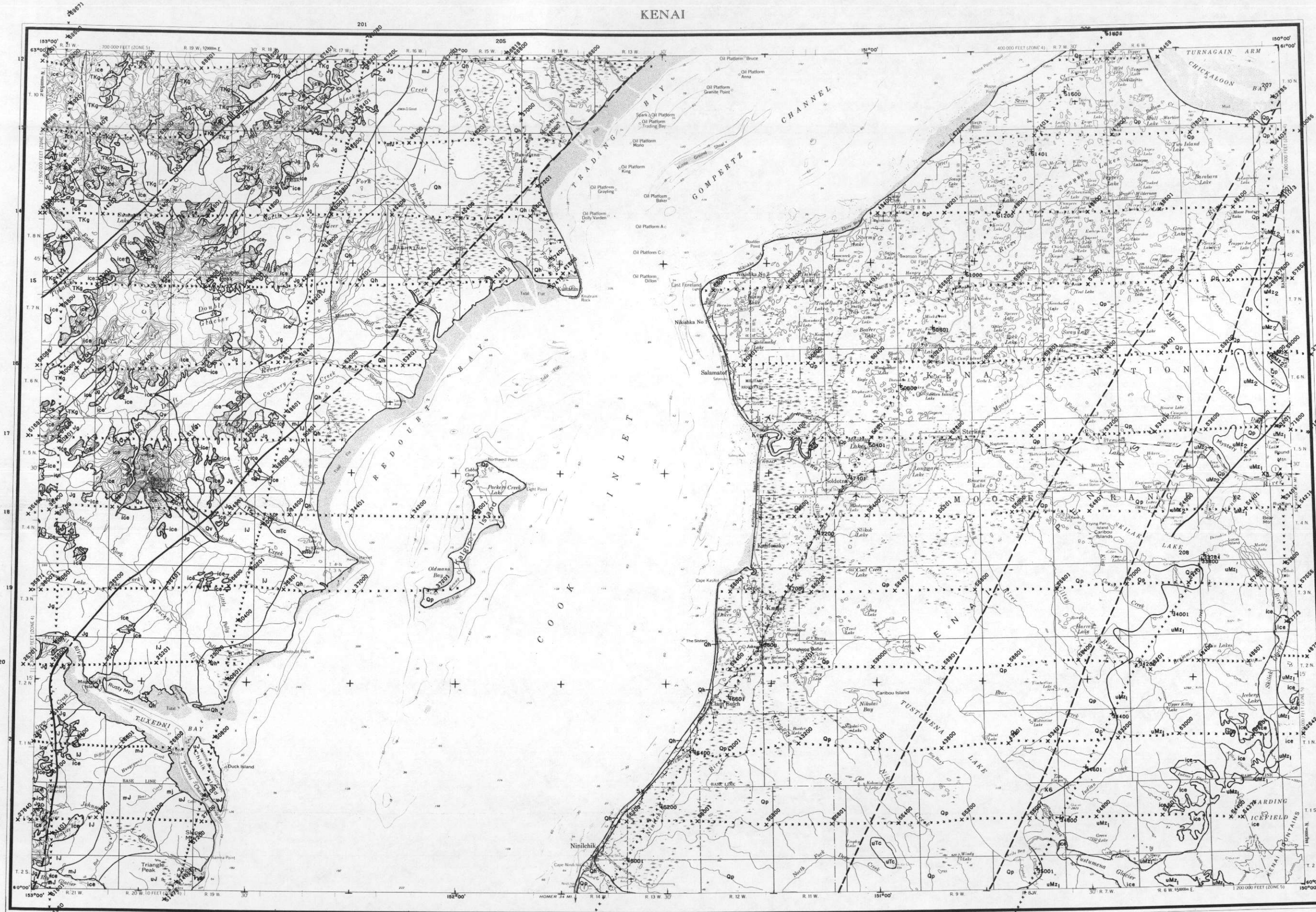
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA
GEOLOGIC BASE MAP
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
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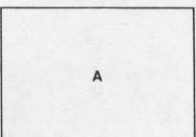
KENAI



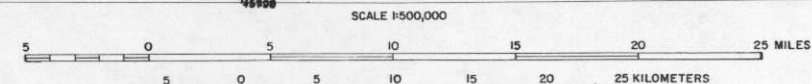
LEGEND	
STRATIFIED SEDIMENTARY AND VOLCANIC ROCKS MAINLY MARINE, IN PART METAMORPHOSED	
QUATERNARY	<div>Qh</div> HOLOCENE DEPOSITS
	<div>Qp</div> PLEISTOCENE DEPOSITS
JURASSIC-CRETACEOUS	<div>uM₁</div> CRETACEOUS AND UPPER JURASSIC (?) ROCKS
	<div>uM₂</div> CRETACEOUS AND (OR) UPPER JURASSIC ROCKS
JURASSIC	<div>uJ</div> UPPER JURASSIC ROCKS
	<div>mJ</div> MIDDLE JURASSIC ROCKS
	<div>lJ</div> LOWER JURASSIC ROCKS
TRIASSIC	<div>uR</div> UPPER TRIASSIC ROCKS
CONTINENTAL DEPOSITS	
TERTIARY	<div>uTc</div> UPPER TERTIARY CONTINENTAL DEPOSITS
	<div>mTc</div> MIDDLE TERTIARY CONTINENTAL DEPOSITS
	<div>lTc</div> LOWER TERTIARY CONTINENTAL DEPOSITS
VOLCANIC ROCKS-MAINLY SUBAERIAL	
QUATERNARY	<div>Qv</div> QUATERNARY VOLCANIC ROCKS
TRIASSIC	<div>Rv</div> TRIASSIC VOLCANIC ROCKS
PLUTONIC AND HYPABYSSAL ROCKS FELSIC COMPOSITION	
TERTIARY	<div>Tg</div> TERTIARY GRANITIC ROCKS
	<div>TKg</div> TERTIARY AND CRETACEOUS GRANITIC ROCKS
JURASSIC-CRETACEOUS	<div>Mzg</div> MESOZOIC GRANITIC ROCKS
	<div>Jg</div> JURASSIC GRANITIC ROCKS
ULTRAMAFIC COMPOSITION	
PRECAMBRIAN?	<div>um</div> ULTRAMAFIC ROCKS OF UNCERTAIN AGE
METAMORPHIC ROCKS	
TRIASSIC-JURASSIC	<div>J_{TR}</div> JURASSIC AND TRIASSIC METAMORPHIC ROCKS
--- CONTACT, DASHED WHERE INFERRED OR CONCEALED. - - - - - FAULT, DASHED WHERE INFERRED OR CONCEALED.	
<div>39, X48, 171, 145</div> METALLIC MINERAL OCCURRENCE IDENTIFIED IN REPORT.	
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ICE - [ice], WATER []	

BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

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NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

KENAI, ALASKA FLIGHT PATH MAP 1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY



LEGEND

STRATIFIED SEDIMENTARY AND VOLCANIC ROCKS
MAINLY MARINE, IN PART METAMORPHOSED

QUATERNARY

- Qh HOLOCENE DEPOSITS
- Qp PLEISTOCENE DEPOSITS

JURASSIC-CRETACEOUS

- uMz1 CRETACEOUS AND UPPER JURASSIC (?) ROCKS
- uMz2 CRETACEOUS AND (OR) UPPER JURASSIC ROCKS

JURASSIC

- uj UPPER JURASSIC ROCKS
- mj MIDDLE JURASSIC ROCKS
- lj LOWER JURASSIC ROCKS

TRIASSIC

- uR UPPER TRIASSIC ROCKS

CONTINENTAL DEPOSITS

TERTIARY

- uTc UPPER TERTIARY CONTINENTAL DEPOSITS
- mTc MIDDLE TERTIARY CONTINENTAL DEPOSITS
- lTc LOWER TERTIARY CONTINENTAL DEPOSITS

VOLCANIC ROCKS-MAINLY SUBAERIAL

QUATERNARY

- Qv QUATERNARY VOLCANIC ROCKS

TRIASSIC

- Rv TRIASSIC VOLCANIC ROCKS

PLUTONIC AND HYPABYSSAL ROCKS
FELSIC COMPOSITION

TERTIARY

- Tg TERTIARY GRANITIC ROCKS
- TKg TERTIARY AND CRETACEOUS GRANITIC ROCKS
- Mzg MESOZOIC GRANITIC ROCKS
- Jg JURASSIC GRANITIC ROCKS

JURASSIC-CRETACEOUS

- Jg JURASSIC GRANITIC ROCKS

ULTRAMAFIC COMPOSITION

PRECAMBRIAN?

- um ULTRAMAFIC ROCKS OF UNCERTAIN AGE

METAMORPHIC ROCKS

TRIASSIC-JURASSIC

- Jrm JURASSIC AND TRIASSIC METAMORPHIC ROCKS

CONTACT, DASHED WHERE INFERRED OR CONCEALED.

FAULT, DASHED WHERE INFERRED OR CONCEALED.

METALLIC MINERAL OCCURRENCE IDENTIFIED IN REPORT

39, X48, 171, 145

SOURCE U.S.G.S. PUBLICATION MF 377

ICE - [ice], WATER []

BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

EXPLANATION

INDIVIDUAL SAMPLES ARE PLOTTED AT 20 SAMPLE INTERVALS AND IDENTIFIED BY RECORD NUMBER AT INTERVALS OF 500 SAMPLES.

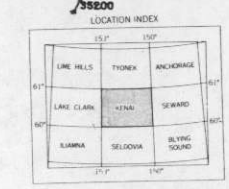
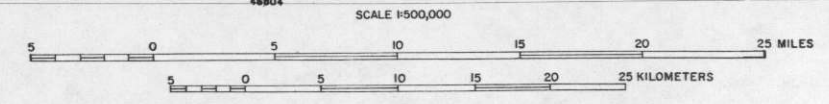
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TRAVERSE LINE DEVIATIONS ARE INDICATED BY SOLID CIRCLES AND TIE LINES BY SQUARES. NORTH OR EAST ARE POSITIVE AND SOUTH OR WEST ARE NEGATIVE.

GEOLOGIC SOURCE INDEX

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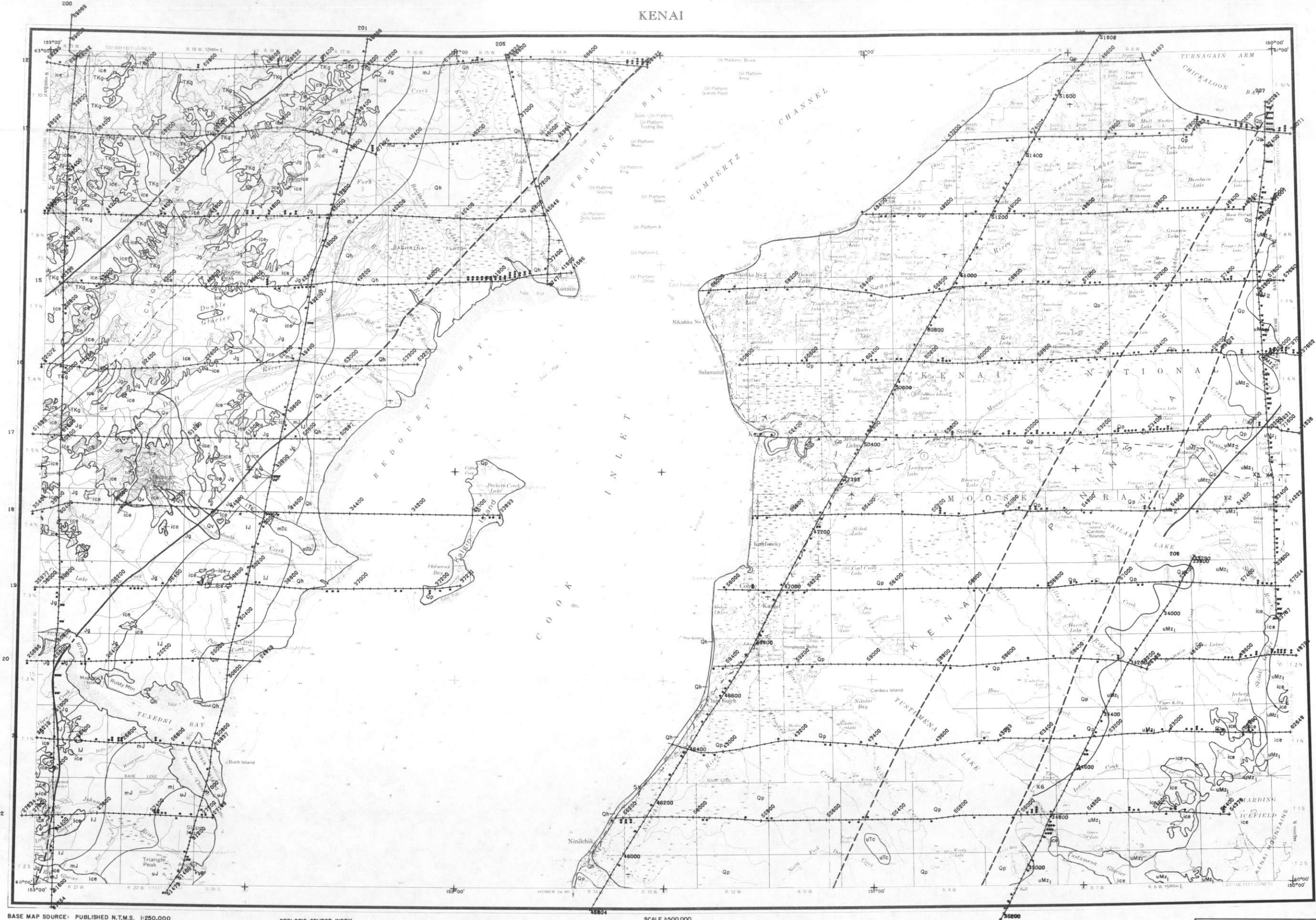
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

KENAI, ALASKA
ANOMALY MAP-URANIUM
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

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KENAI



LEGEND

STRATIFIED SEDIMENTARY AND VOLCANIC ROCKS MAINLY MARINE, IN PART METAMORPHOSED

- QUATERNARY**
- Qh HOLOCENE DEPOSITS
 - Qp PLEISTOCENE DEPOSITS
- JURASSIC-CRETACEOUS**
- uMz1 CRETACEOUS AND UPPER JURASSIC (?) ROCKS
 - uMz2 CRETACEOUS AND (OR) UPPER JURASSIC ROCKS
- JURASSIC**
- uJ UPPER JURASSIC ROCKS
 - mJ MIDDLE JURASSIC ROCKS
 - lJ LOWER JURASSIC ROCKS
- TRIASSIC**
- uT UPPER TRIASSIC ROCKS
- CONTINENTAL DEPOSITS**
- TERTIARY**
- uTc UPPER TERTIARY CONTINENTAL DEPOSITS
 - mTc MIDDLE TERTIARY CONTINENTAL DEPOSITS
 - lTc LOWER TERTIARY CONTINENTAL DEPOSITS

VOLCANIC ROCKS-MAINLY SUBAERIAL

- QUATERNARY**
- Qv QUATERNARY VOLCANIC ROCKS
- TRIASSIC**
- Tv TRIASSIC VOLCANIC ROCKS

PLUTONIC AND HYPABYSSAL ROCKS FELSIC COMPOSITION

- TERTIARY**
- Tg TERTIARY GRANITIC ROCKS
 - TKg TERTIARY AND CRETACEOUS GRANITIC ROCKS
- JURASSIC-CRETACEOUS**
- Mzg MESOZOIC GRANITIC ROCKS
 - Jg JURASSIC GRANITIC ROCKS

ULTRAMAFIC COMPOSITION

- PRECAMBRIAN ?**
- um ULTRAMAFIC ROCKS OF UNCERTAIN AGE

METAMORPHIC ROCKS

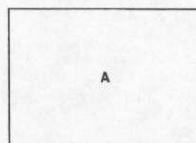
- TRIASSIC-JURASSIC**
- Jrm JURASSIC AND TRIASSIC METAMORPHIC ROCKS

- CONTACT, DASHED WHERE INFERRED OR CONCEALED.
- FAULT, DASHED WHERE INFERRED OR CONCEALED.
- ◇ 39, X48, □ 171, 145 METALLIC MINERAL OCCURRENCE IDENTIFIED IN REPORT.

SOURCE U.S.G.S. PUBLICATION MF 377
ICE - ice, WATER - water

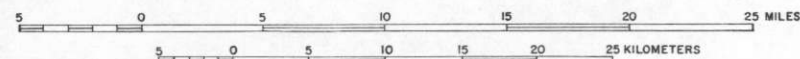
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SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

KENAI, ALASKA ANOMALY MAP-THORIUM 1976-1978

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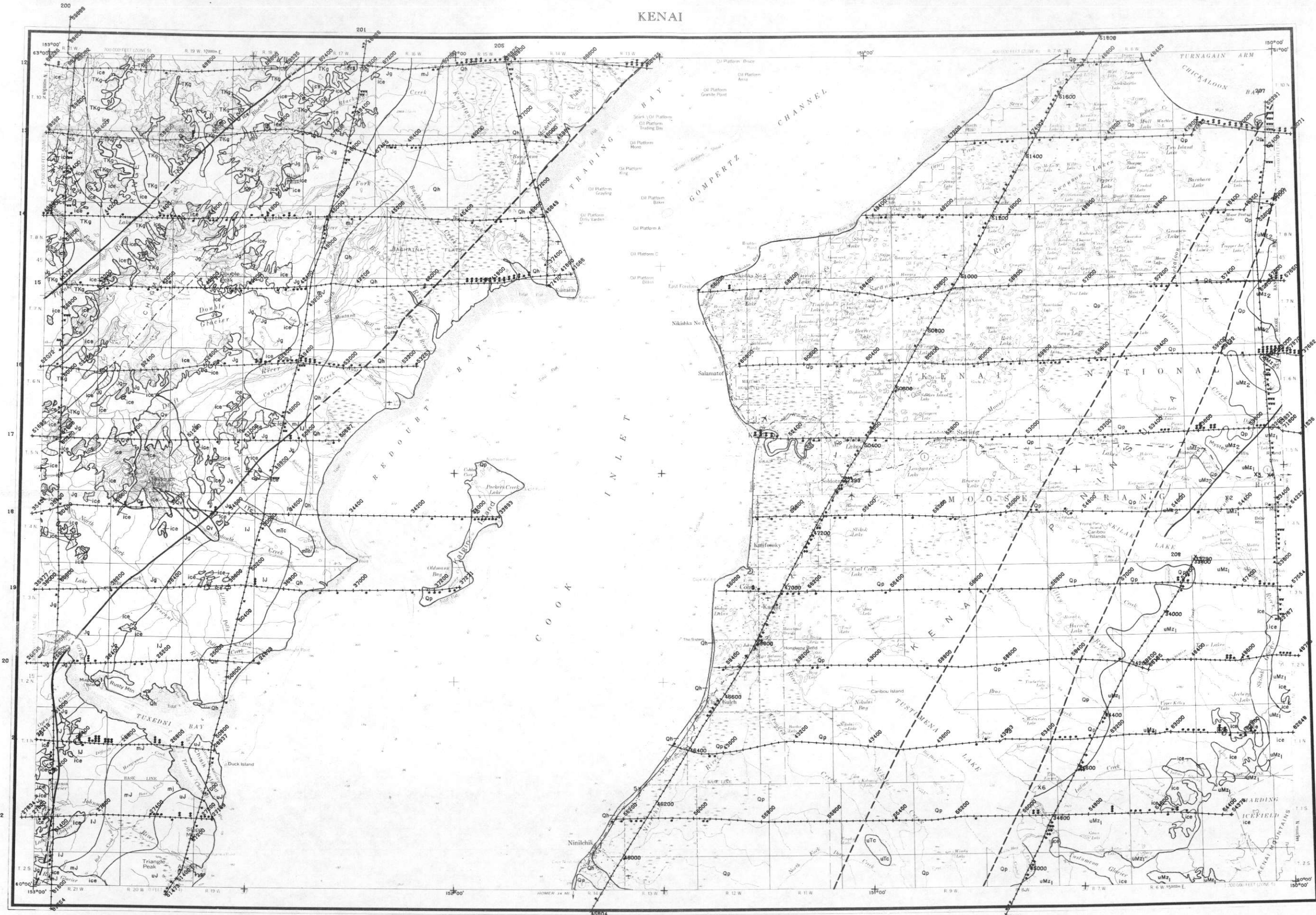
EXPLANATION

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TRAVERSE LINE DEVIATIONS ARE INDICATED BY SOLID CIRCLES AND THE LINES BY SQUARES. NORTH OR EAST ARE POSITIVE AND SOUTH OR WEST ARE NEGATIVE.

KENAI



LEGEND

STRATIFIED SEDIMENTARY AND VOLCANIC ROCKS MAINLY MARINE, IN PART METAMORPHOSED

- QUATERNARY**
- Qh HOLOCENE DEPOSITS
 - Qp PLEISTOCENE DEPOSITS
- JURASSIC-CRETACEOUS**
- Umz1 CRETACEOUS AND UPPER JURASSIC (?) ROCKS
 - Umz2 CRETACEOUS AND (OR) UPPER JURASSIC ROCKS
- JURASSIC**
- Uj UPPER JURASSIC ROCKS
 - Mj MIDDLE JURASSIC ROCKS
 - Lj LOWER JURASSIC ROCKS
- TRIASSIC**
- Utr UPPER TRIASSIC ROCKS

CONTINENTAL DEPOSITS

- TERTIARY**
- Utc UPPER TERTIARY CONTINENTAL DEPOSITS
 - MtC MIDDLE TERTIARY CONTINENTAL DEPOSITS
 - LtC LOWER TERTIARY CONTINENTAL DEPOSITS

VOLCANIC ROCKS-MAINLY SUBAERIAL

- QUATERNARY**
- Qv QUATERNARY VOLCANIC ROCKS
- TRIASSIC**
- Trv TRIASSIC VOLCANIC ROCKS

PLUTONIC AND HYPABYSSAL ROCKS
FELSIC COMPOSITION

- TERTIARY**
- Tg TERTIARY GRANITIC ROCKS
 - TkG TERTIARY AND CRETACEOUS GRANITIC ROCKS
- JURASSIC-CRETACEOUS**
- Mzg MESOZOIC GRANITIC ROCKS
 - Jg JURASSIC GRANITIC ROCKS

ULTRAMAFIC COMPOSITION

- PRECAMBRIAN?**
- Um ULTRAMAFIC ROCKS OF UNCERTAIN AGE

METAMORPHIC ROCKS

- TRIASSIC-JURASSIC**
- Jrm JURASSIC AND TRIASSIC METAMORPHIC ROCKS

- CONTACT, DASHED WHERE INFERRED OR CONCEALED.
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- ICE - [ice], WATER [water]

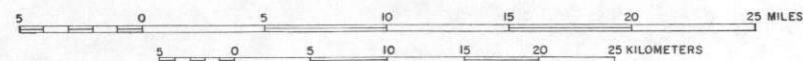
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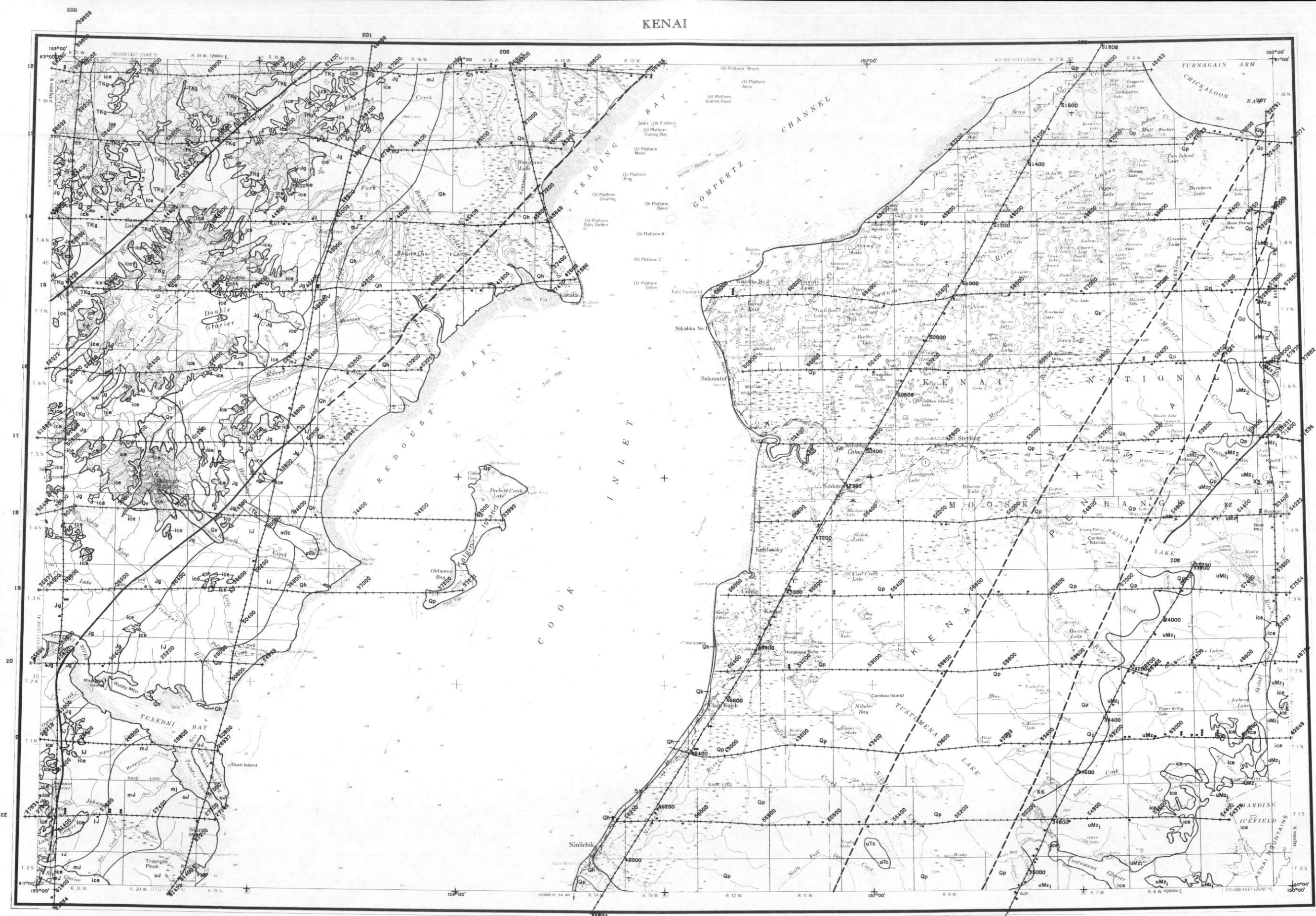
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NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEYKENAI, ALASKA
ANOMALY MAP-POTASSIUM
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

KENAI



LEGEND

STRATIFIED SEDIMENTARY AND VOLCANIC ROCKS MAINLY MARINE, IN PART METAMORPHOSED

- QUATERNARY**
- Qh HOLOCENE DEPOSITS
 - Qp PLEISTOCENE DEPOSITS
- JURASSIC-CRETACEOUS**
- Umz1 CRETACEOUS AND UPPER JURASSIC (?) ROCKS
 - Umz2 CRETACEOUS AND (OR) UPPER JURASSIC ROCKS
- JURASSIC**
- Uj UPPER JURASSIC ROCKS
 - Mj MIDDLE JURASSIC ROCKS
 - Lj LOWER JURASSIC ROCKS
- TRIASSIC**
- Utr UPPER TRIASSIC ROCKS

CONTINENTAL DEPOSITS

- TERTIARY**
- Utc UPPER TERTIARY CONTINENTAL DEPOSITS
 - mtc MIDDLE TERTIARY CONTINENTAL DEPOSITS
 - ltc LOWER TERTIARY CONTINENTAL DEPOSITS

VOLCANIC ROCKS-MAINLY SUBAERIAL

- QUATERNARY**
- Qv QUATERNARY VOLCANIC ROCKS
- TRIASSIC**
- Rv TRIASSIC VOLCANIC ROCKS

PLUTONIC AND HYPABYSSAL ROCKS
FELSIC COMPOSITION

- TERTIARY**
- Tg TERTIARY GRANITIC ROCKS
 - Tkq TERTIARY AND CRETACEOUS GRANITIC ROCKS
- JURASSIC-CRETACEOUS**
- Mzg MESOZOIC GRANITIC ROCKS
 - Jg JURASSIC GRANITIC ROCKS

ULTRAMAFIC COMPOSITION

- PRECAMBRIAN?**
- um ULTRAMAFIC ROCKS OF UNCERTAIN AGE

METAMORPHIC ROCKS

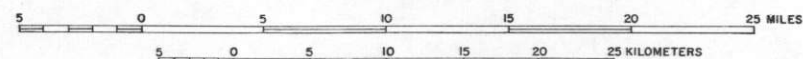
- TRIASSIC-JURASSIC**
- Jrm JURASSIC AND TRIASSIC METAMORPHIC ROCKS

- CONTACT, DASHED WHERE INFERRED OR CONCEALED.
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- ICE - [ice], WATER [water]

BASE MAP SOURCE: PUBLISHED N.T.S. 1:250,000

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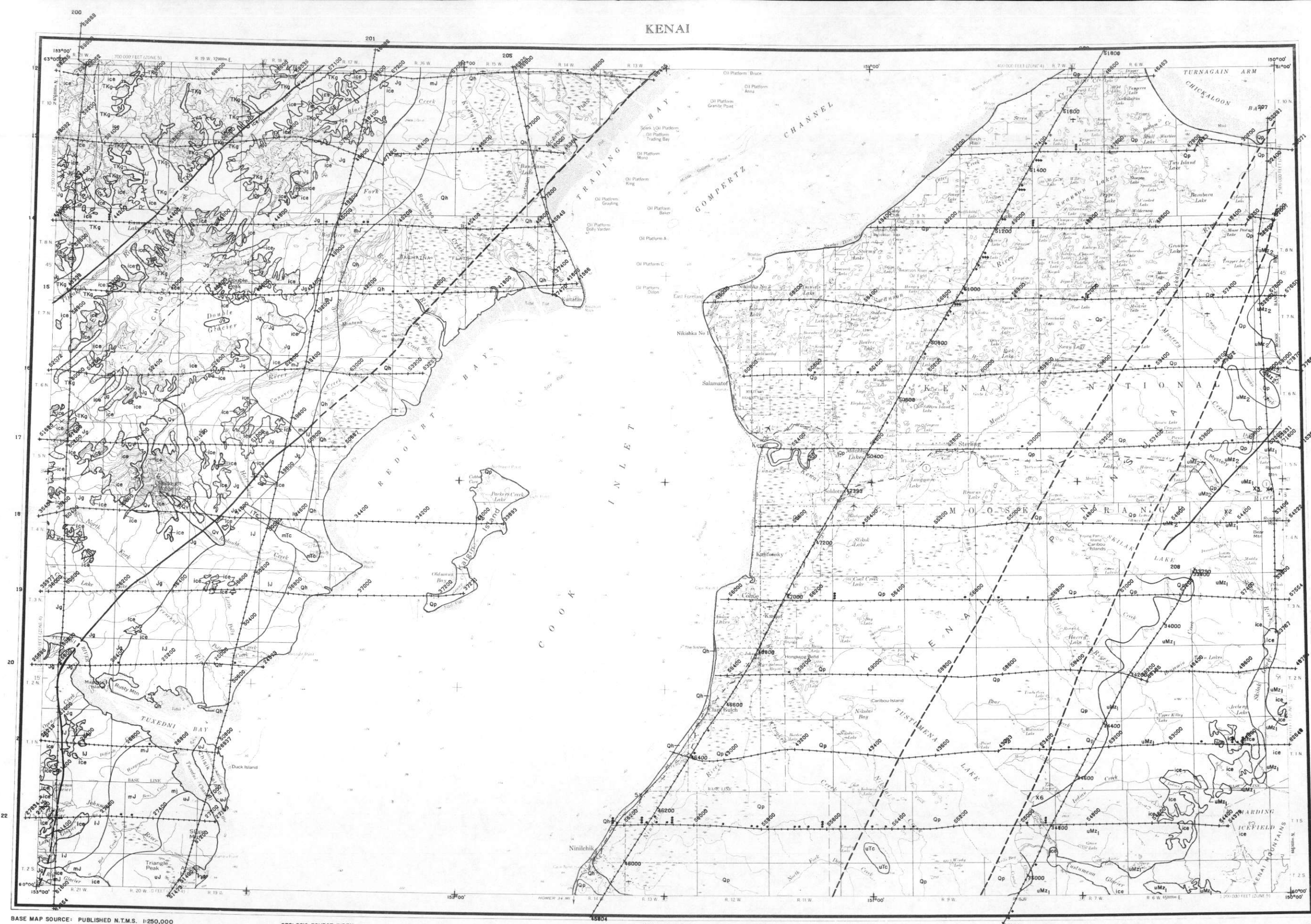
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NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEYKENAI, ALASKA
ANOMALY MAP-URANIUM/THORIUM
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY



LEGEND
STRATIFIED SEDIMENTARY AND VOLCANIC ROCKS
MAINLY MARINE, IN PART METAMORPHOSED

- QUATERNARY
- Qh HOLOCENE DEPOSITS
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- uJ UPPER JURASSIC ROCKS
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- TRIASSIC
- uT UPPER TRIASSIC ROCKS
- CONTINENTAL DEPOSITS
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- um ULTRAMAFIC ROCKS OF UNCERTAIN AGE
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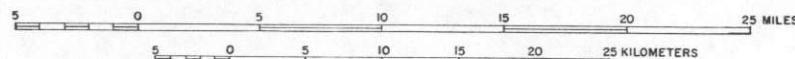
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LOCATION INDEX



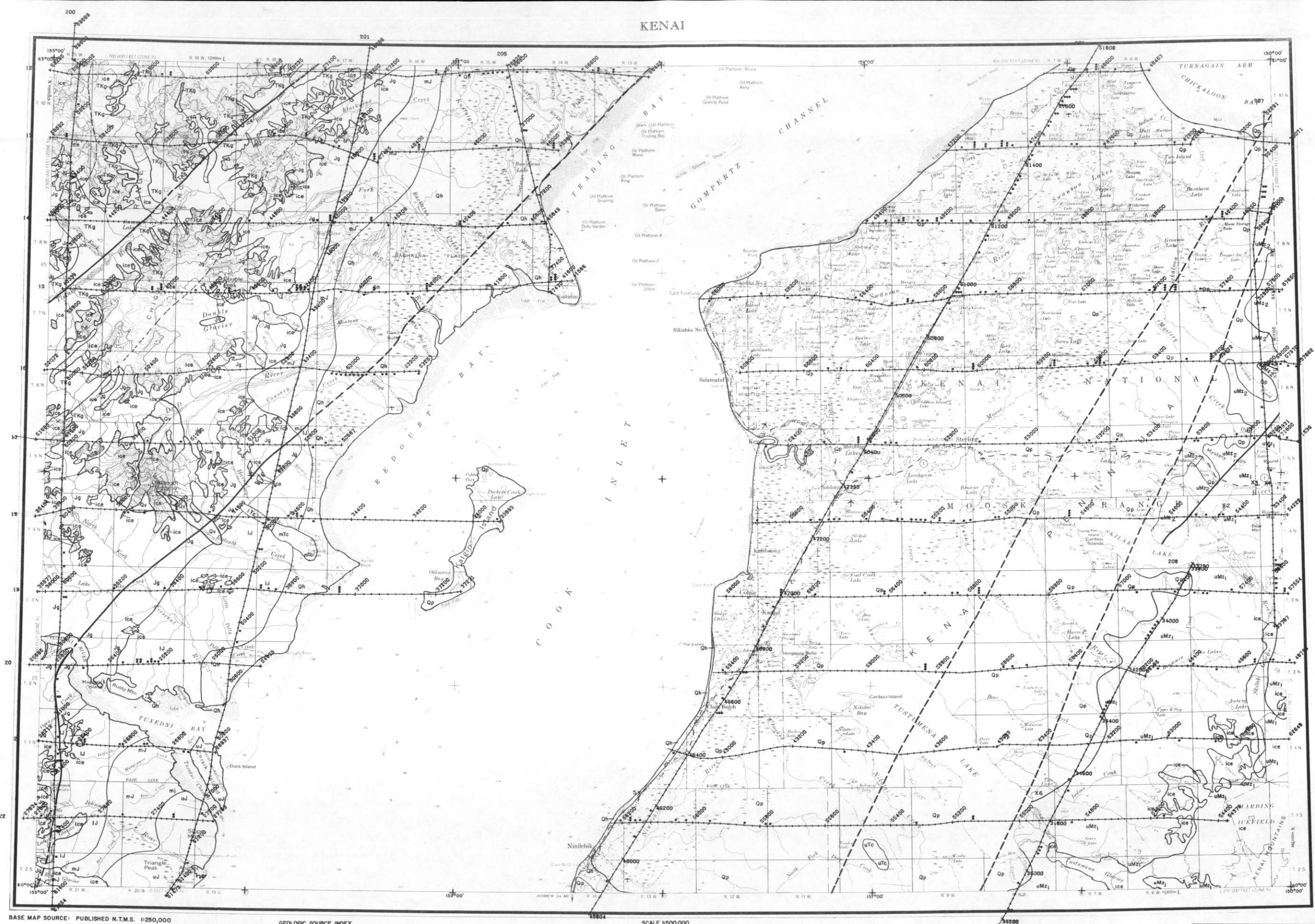
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KENAI, ALASKA
ANOMALY MAP-URANIUM/POTASSIUM
1976-1978

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KENAI



LEGEND

STRATIFIED SEDIMENTARY AND VOLCANIC ROCKS MAINLY MARINE, IN PART METAMORPHOSED

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- Qh HOLOCENE DEPOSITS
 - Qp PLEISTOCENE DEPOSITS
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- uMz1 CRETACEOUS AND UPPER JURASSIC (?) ROCKS
 - uMz2 CRETACEOUS AND (OR) UPPER JURASSIC ROCKS
- JURASSIC**
- uJ UPPER JURASSIC ROCKS
 - mJ MIDDLE JURASSIC ROCKS
 - lJ LOWER JURASSIC ROCKS
- TRIASSIC**
- uR UPPER TRIASSIC ROCKS

CONTINENTAL DEPOSITS

- TERTIARY**
- uTc UPPER TERTIARY CONTINENTAL DEPOSITS
 - mTc MIDDLE TERTIARY CONTINENTAL DEPOSITS
 - lTc LOWER TERTIARY CONTINENTAL DEPOSITS

VOLCANIC ROCKS—MAINLY SUBAERIAL

- QUATERNARY**
- Qv QUATERNARY VOLCANIC ROCKS
- TRIASSIC**
- Trv TRIASSIC VOLCANIC ROCKS

PLUTONIC AND HYPABYSSAL ROCKS
FELSIC COMPOSITION

- TERTIARY**
- Tg TERTIARY GRANITIC ROCKS
 - TKg TERTIARY AND CRETACEOUS GRANITIC ROCKS
 - Mzg MESOZOIC GRANITIC ROCKS
 - Jg JURASSIC GRANITIC ROCKS
- JURASSIC-CRETACEOUS**
- Jg JURASSIC GRANITIC ROCKS

ULTRAMAFIC COMPOSITION

- PRECAMBRIAN?**
- um ULTRAMAFIC ROCKS OF UNCERTAIN AGE

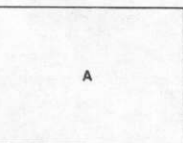
METAMORPHIC ROCKS

- TRIASSIC-JURASSIC**
- JRm JURASSIC AND TRIASSIC METAMORPHIC ROCKS

- CONTACT, DASHED WHERE INFERRED OR CONCEALED.
- FAULT, DASHED WHERE INFERRED OR CONCEALED.
- ◇ 39, X 48, □ 171, 145 METALLIC MINERAL OCCURRENCE IDENTIFIED IN REPORT.
- SOURCE U.S.G.S. PUBLICATION MF 377
- ICE - ice, WATER - water

BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

GEOLOGIC SOURCE INDEX



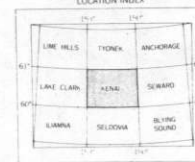
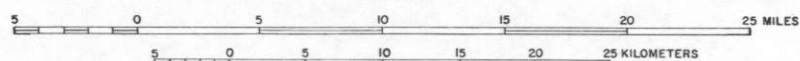
USGS PUB. A. (MF-612) 1:1,000,000

EXPLANATION

INDIVIDUAL SAMPLES ARE PLOTTED AT 20 SAMPLE INTERVALS AND IDENTIFIED BY RECORD NUMBER AT INTERVALS OF 500 SAMPLES.

AVERAGED SAMPLES ARE ANNOTATED IF THE DEVIATION OF THE AVERAGED SAMPLE, FROM THE MEAN OF ITS CORRESPONDING ROCK UNIT, IS GREATER THAN ± 1 STANDARD DEVIATION. THE DEVIATION INTERVALS ANNOTATED ARE 1 TO 2, 2 TO 3, AND 3 OR GREATER.

TRAVERSE LINE DEVIATIONS ARE INDICATED BY SOLID CIRCLES AND TIE LINES BY SQUARES. NORTH OR EAST ARE POSITIVE AND SOUTH OR WEST ARE NEGATIVE.

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEYKENAI, ALASKA
ANOMALY MAP—THORIUM/POTASSIUM
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

TL/K
0.20/DIV

BI/TL
0.20/DIV

BI/K
0.20/DIV

K
20 C/S/DIV

TL
5 C/S/DIV

BI
5 C/S/DIV

BI COR
5.00/DIV

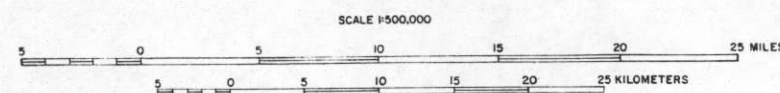
TC
300 C/S/DIV

ALT
150 FT/DIV

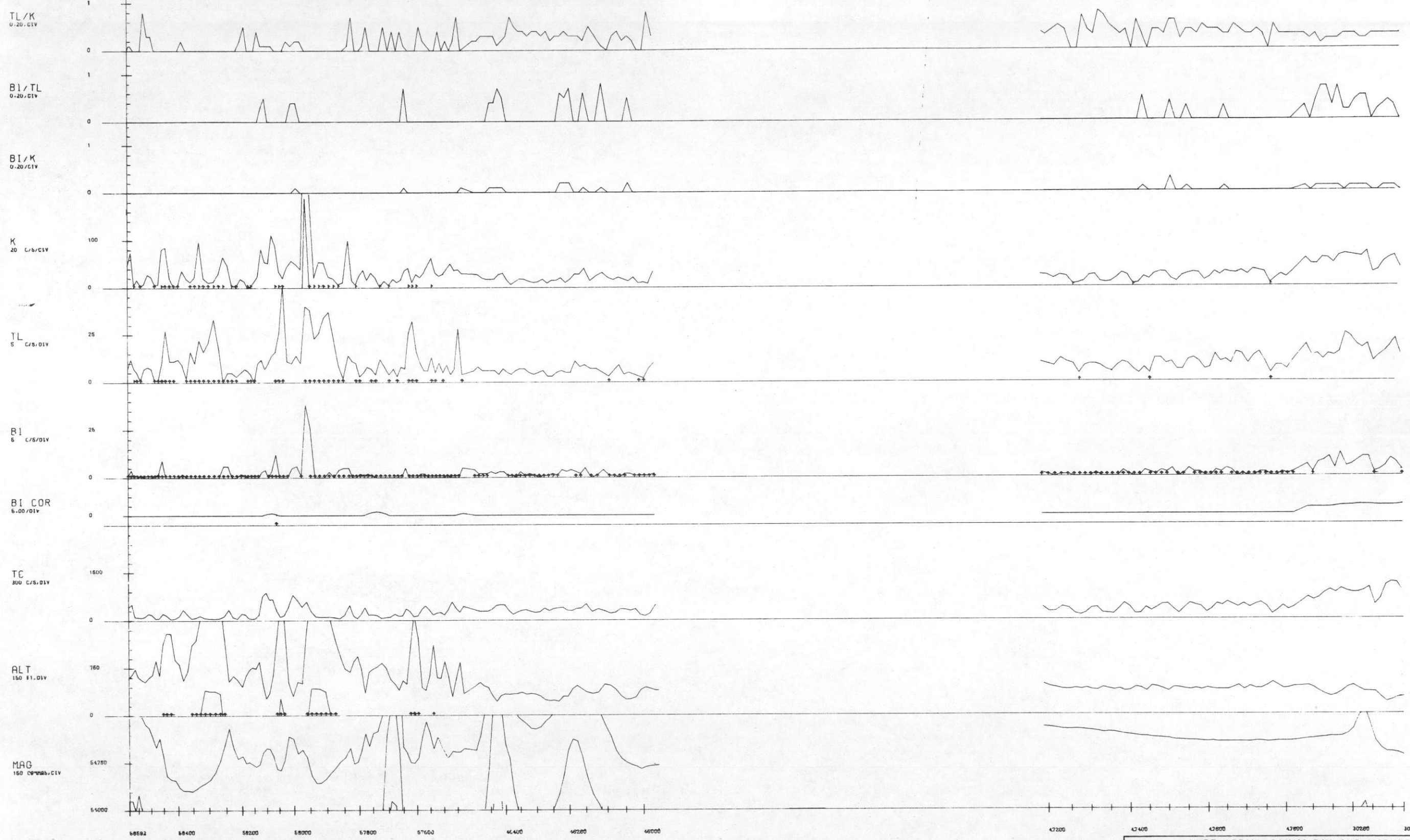
MAG
150 GAMMAS/DIV

P 12

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STATISTICAL ADEQUACY TEST

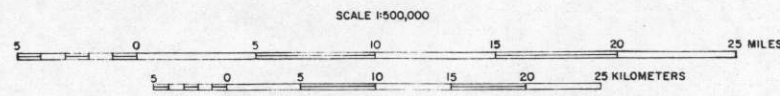


<p>NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY</p> <p>KENAI, ALASKA</p> <p>RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES 1976-1978</p> <p>BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006</p> <p>PREPARED FOR DEPARTMENT OF ENERGY</p>



P 13

↑ FLAGGED SAMPLE VALUES OF
K, U, T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



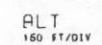
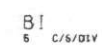
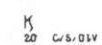
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA

RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

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P 14

↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST

SCALE 1:500,000

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

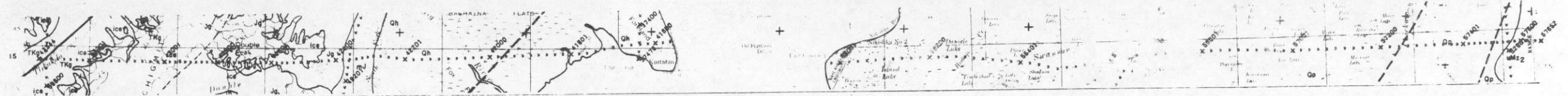
KENAI, ALASKA

RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY



TL/K
0.20/DIV

BI/11
0.20/DIV

BI/K
0.20/DIV

K
20 C/S/DIV

TL
5 C/S/DIV

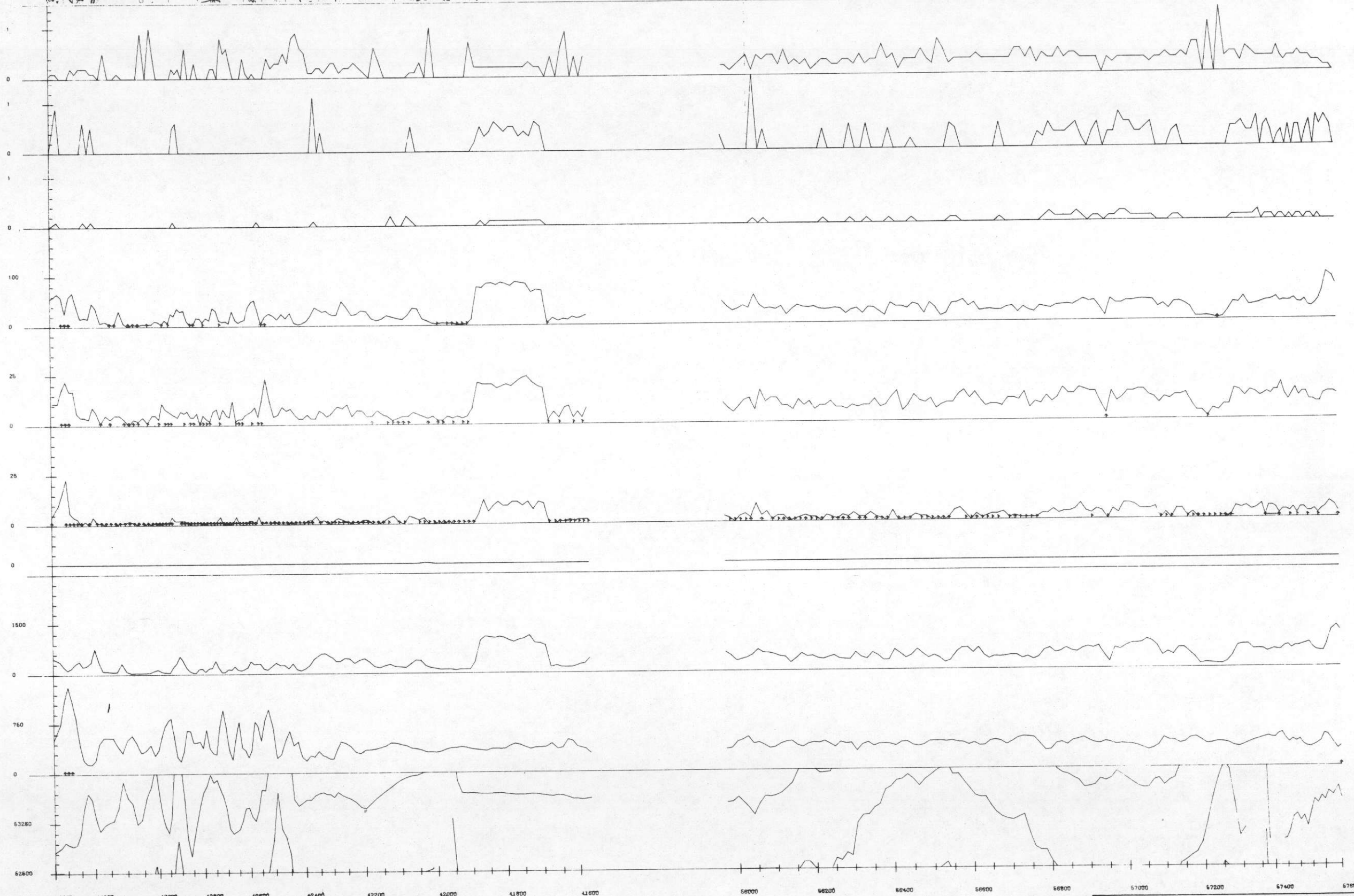
BI
5 C/S/DIV

BI COR
5.00/DIV

TC
300 C/S/DIV

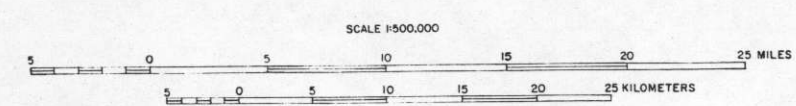
ALT
150 FT/DIV

MAG
150 C/S/DIV

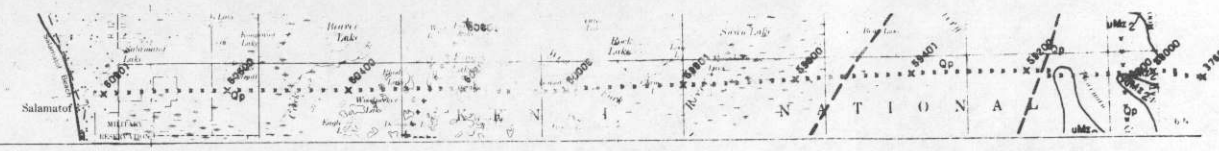
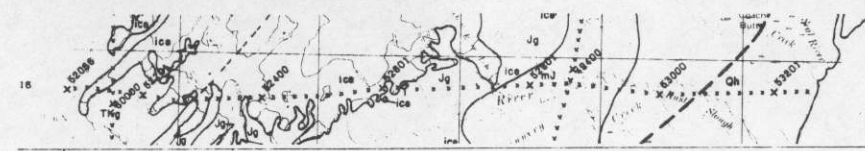


P 15

↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
KENAI, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
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TL/K
0.20/DIV

BI/TL
0.20/DIV

BI/K
0.20/DIV

K
20 C/S/DIV

TL
5 C/S/DIV

BI
5 C/S/DIV

BI COR
5.00/DIV

TC
300 C/S/DIV

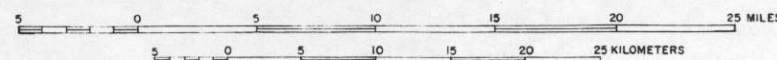
ALT
160 FT/DIV

MAG
160 G/G/DIV

P 16

↑ FLAGGED SAMPLE VALUES OF
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STATISTICAL ADEQUACY TEST

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

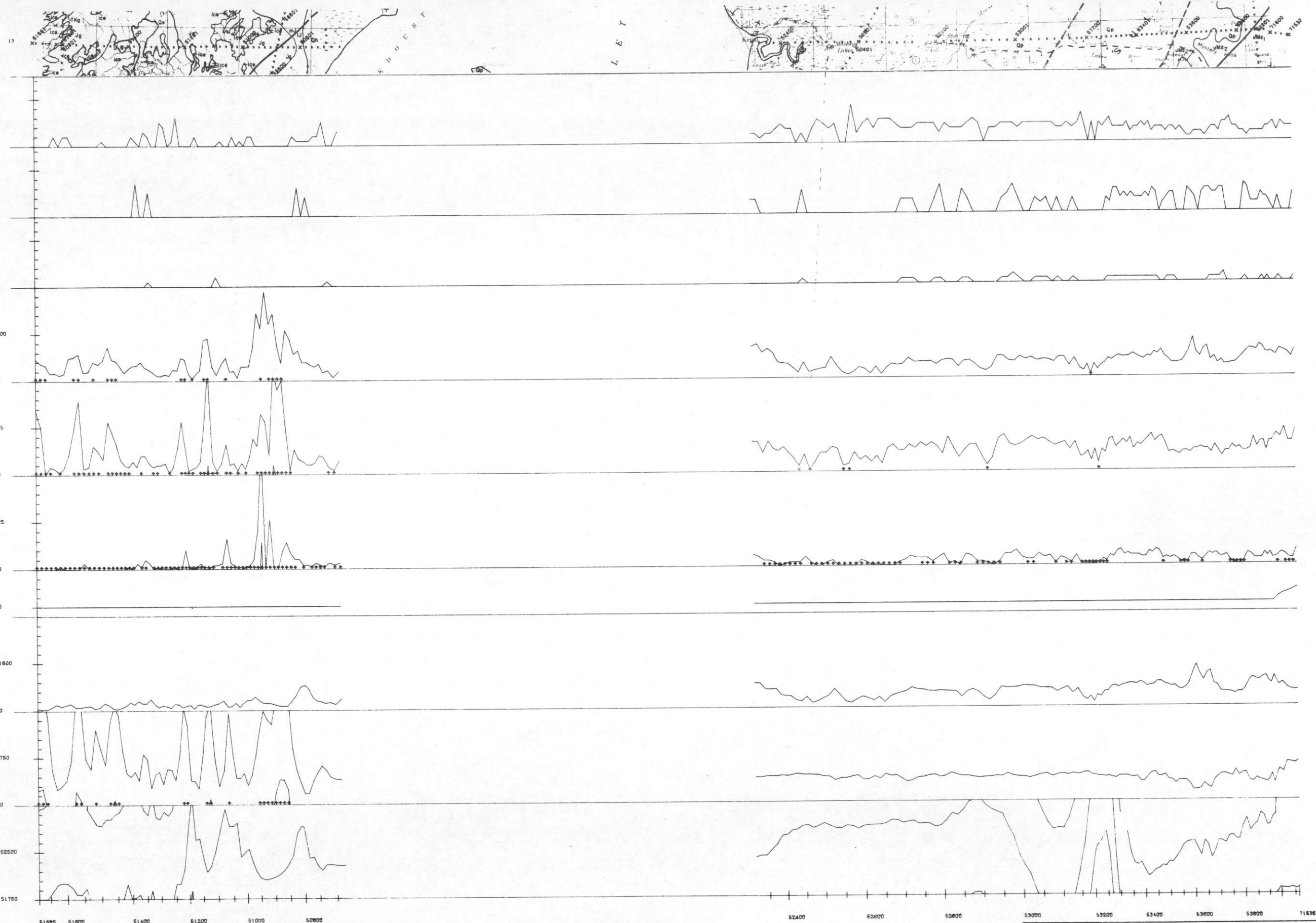
KENAI, ALASKA

RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

1976-1978

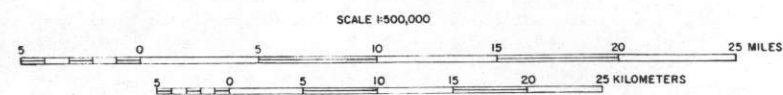
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

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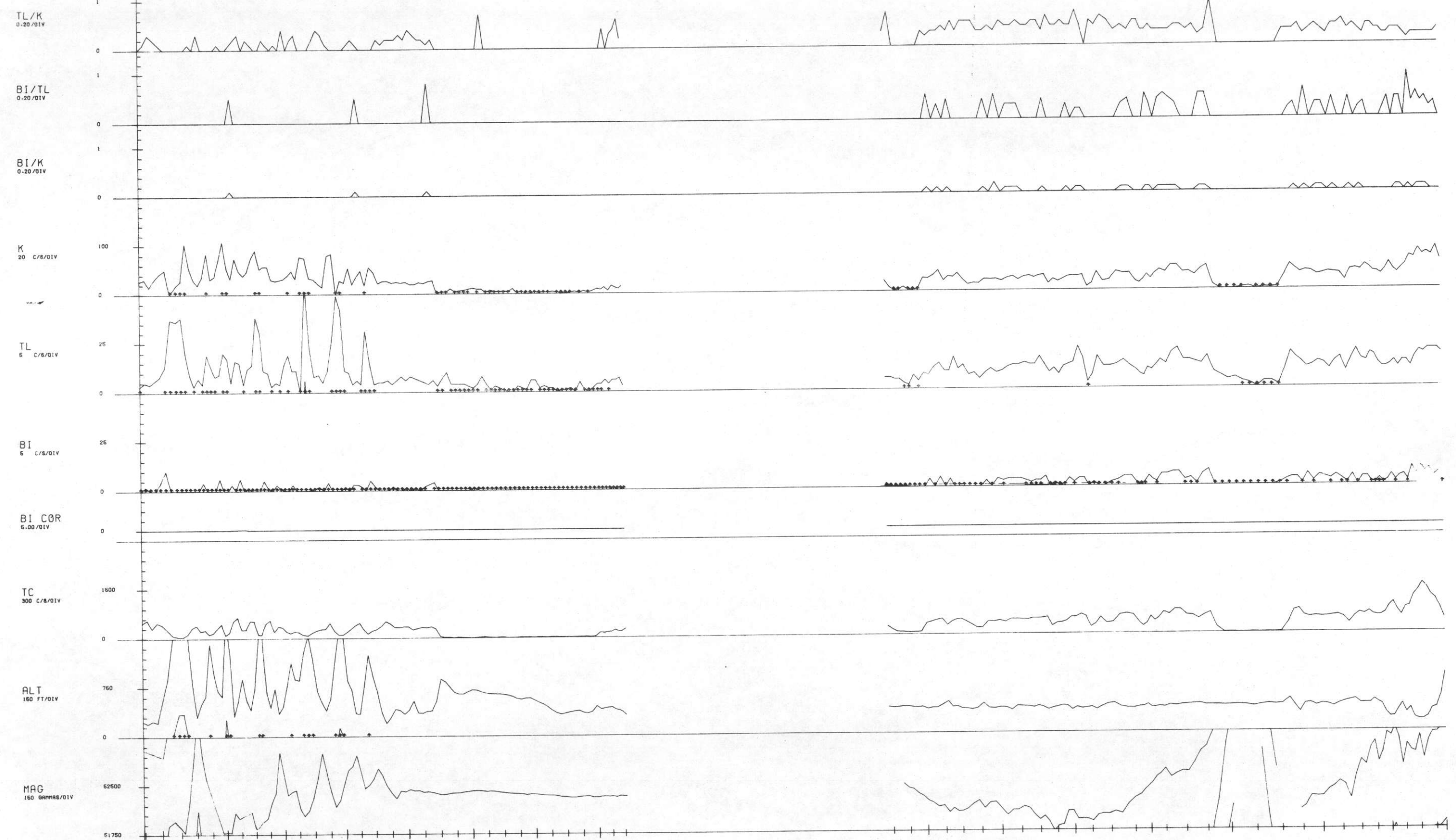
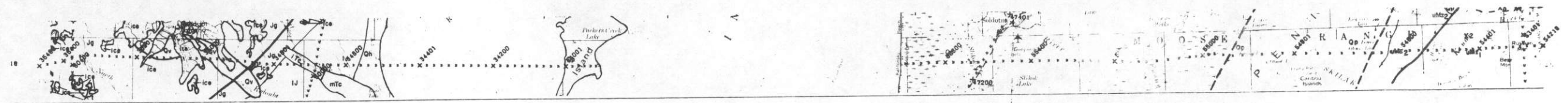


P 17

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STATISTICAL ADEQUACY TEST

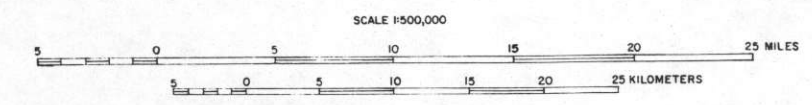


NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
KENAI, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES 1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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P 18

↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY	
KENAI, ALASKA	
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES 1976-1978	
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006	
PREPARED FOR DEPARTMENT OF ENERGY	

TL/K
0.20/DIV

BI/TL
0.20/DIV

BI/K
0.20/DIV

K
20 C/S/DIV

TL
5 C/S/DIV

BI
5 C/S/DIV

BI COR
5.00/DIV

TC
300 C/S/DIV

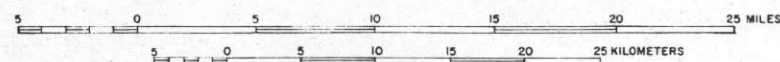
ALT
150 FT/DIV

MAG
150 GAMMAS/DIV

P 19

↑ FLAGGED SAMPLE VALUES OF
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STATISTICAL ADEQUACY TEST

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

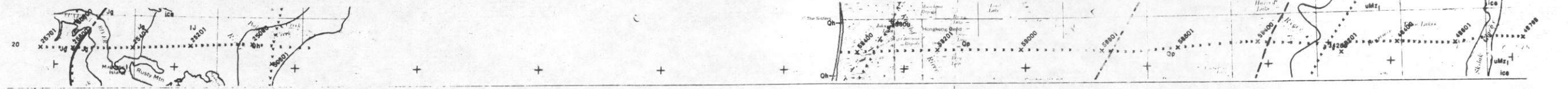
KENAI, ALASKA

RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

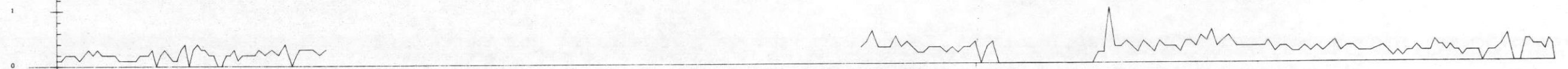
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

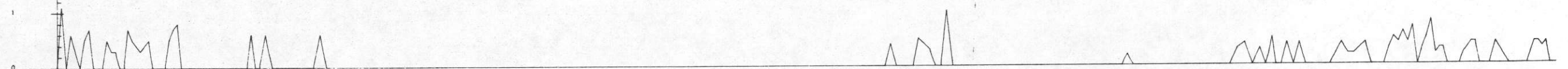
PREPARED FOR
DEPARTMENT OF ENERGY



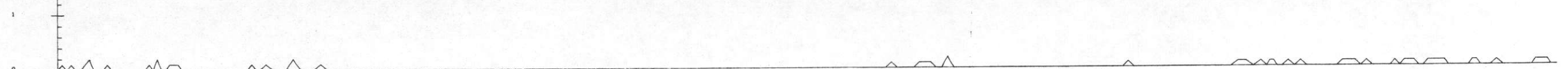
TL/K
0.20/DIV



BI/TL
0.20/DIV



BI/K
0.20/DIV



K
20 C/S/DIV



TL
5 C/S/DIV



BI
5 C/S/DIV



BI COR
5.00/DIV



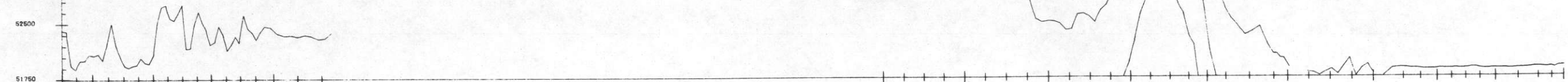
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300 C/S/DIV



ALT
150 FT/DIV

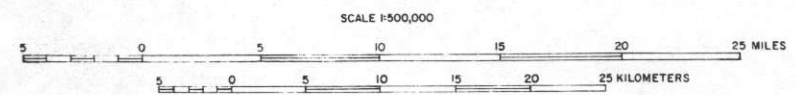


MAG
150 GAMMAS/DIV

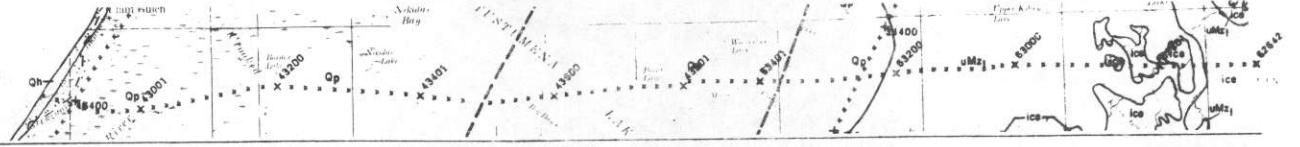
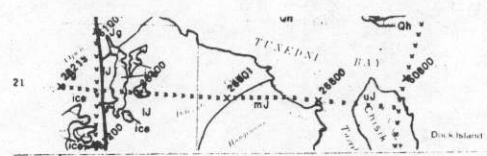


P 20

↑ FLAGGED SAMPLE VALUES OF
K, U, T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
KENAI, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR DEPARTMENT OF ENERGY



TL/K
0.20/DIV

BI/TL
0.20/DIV

BI/K
0.20/DIV

K
20 C/S/DIV

TL
5 C/S/DIV

BI
5 C/S/DIV

BI COR
5.00/DIV

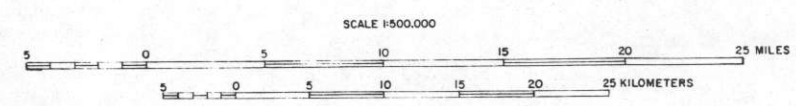
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ALT
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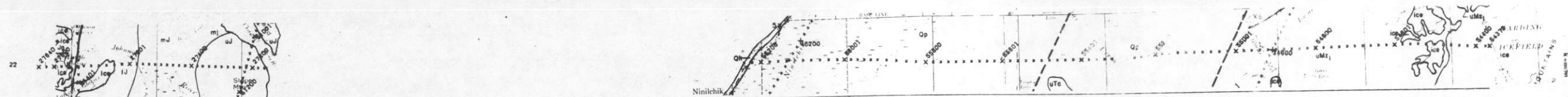
MAG
150 GAMMAS/DIV

P 21

↑ FLAGGED SAMPLE VALUES OF
K, U, T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
KENAI, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



IL/K
0.20/DIV

BI/IL
0.20/DIV

BI/K
0.20/DIV

K
20 C/S/DIV

TL
5 C/S/DIV

BI
5 C/S/DIV

BI COR
5.00/DIV

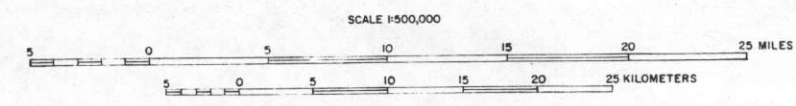
TC
300 C/S/DIV

ALT
150 FT/DIV

MAG
150 GAUSS/DIV

P 22

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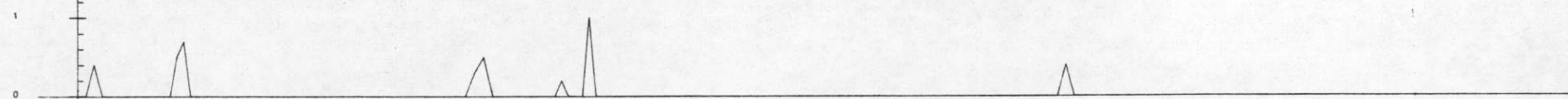
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
KENAI, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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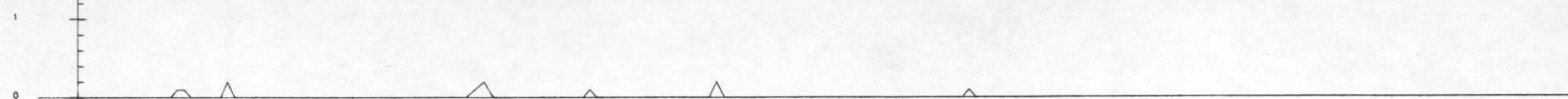
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0.20/GIV



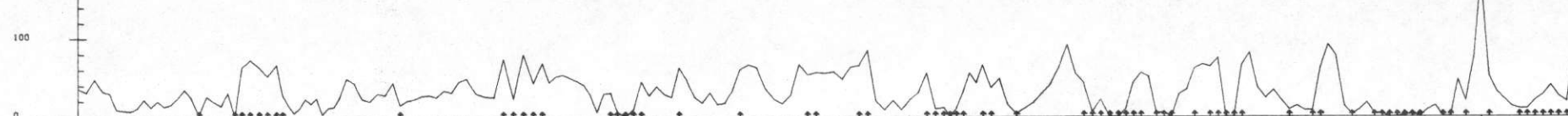
BI/TL
0.20/GIV



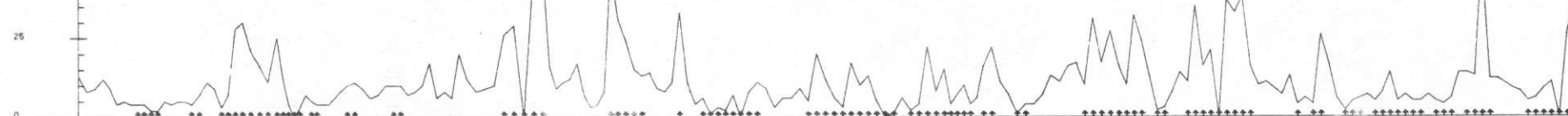
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0.20/GIV



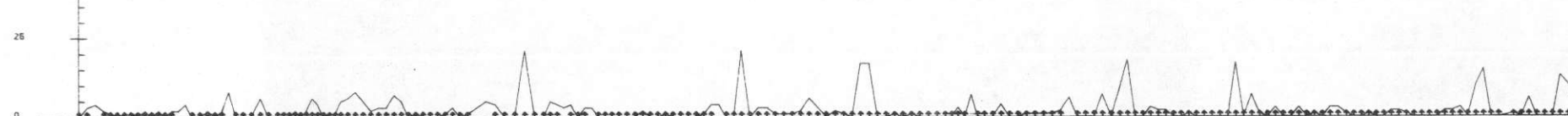
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20 C/S/GIV



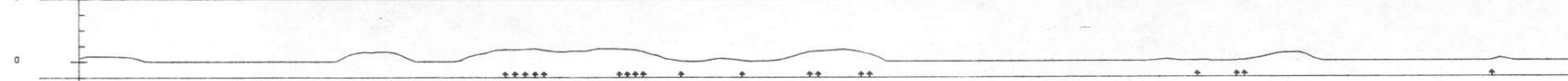
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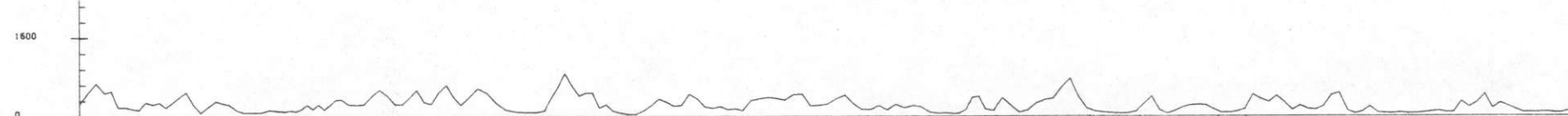
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BI COR
5.00/GIV



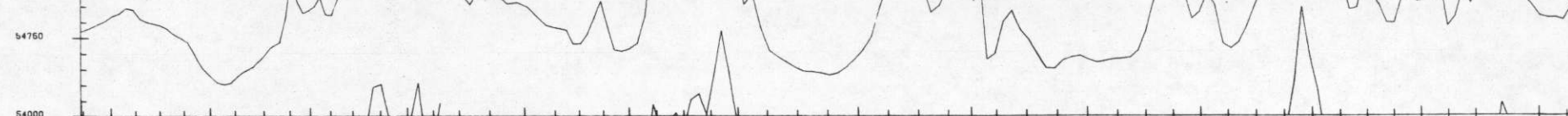
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300 C/S/GIV



ALT
150 FT/GIV



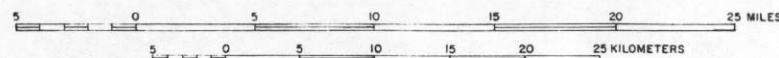
MAG
150 GRAMMS/GIV



TL 200

↑ FLAGGED SAMPLE VALUES OF
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STATISTICAL ADEQUACY TEST

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

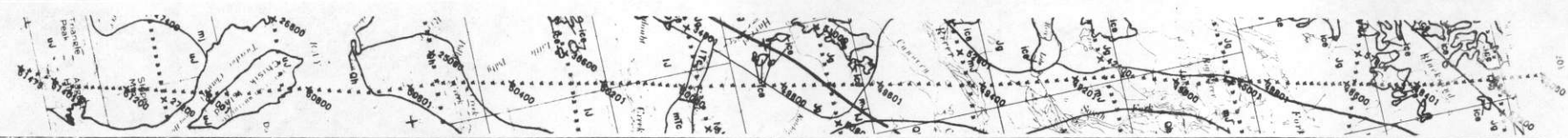
KENAI, ALASKA

RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

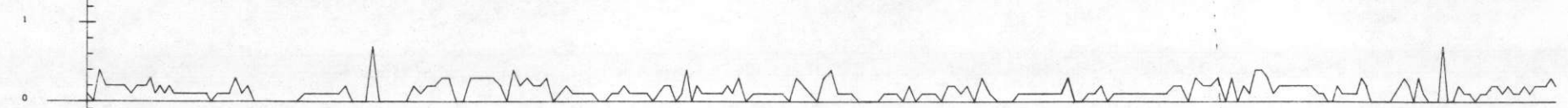
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

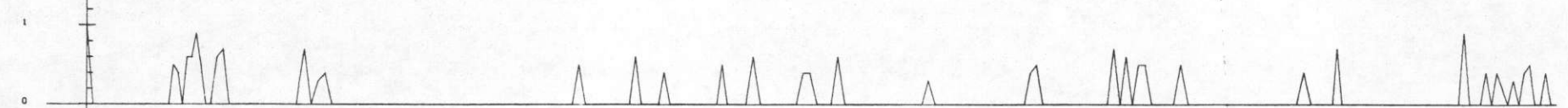
PREPARED FOR
DEPARTMENT OF ENERGY



TL/K
0.20/DIV



BI/TL
0.20/DIV



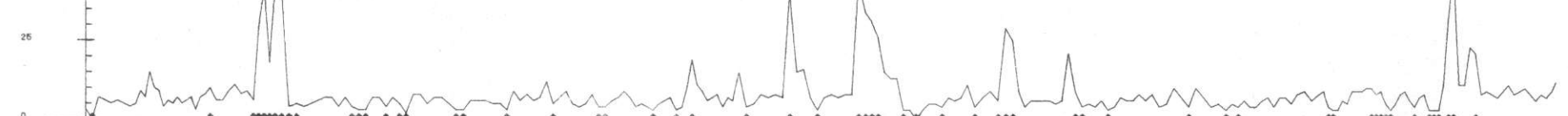
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0.20/DIV



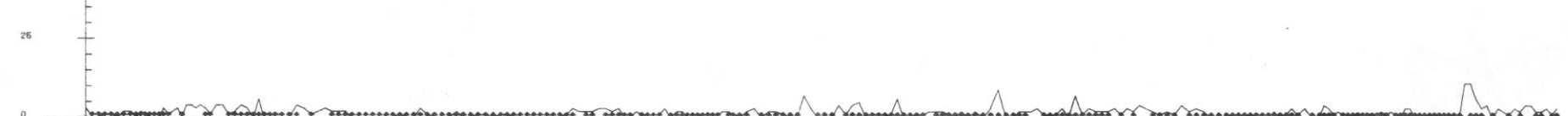
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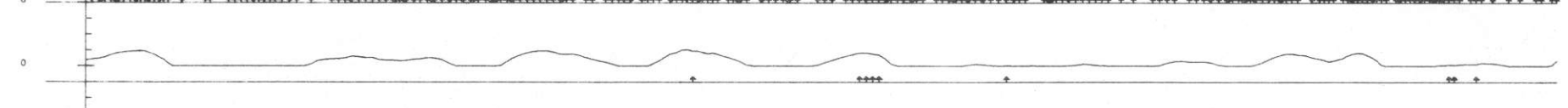
TL
5 C/S/DIV



BI
5 C/S/DIV



BI COR
5.00/DIV



TC
300 C/S/DIV



ALT
150 FT/DIV

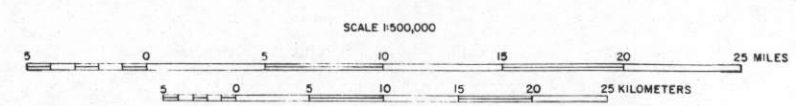


MAG
150 GAMMAS/DIV



TL 201

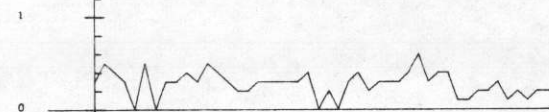
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STATISTICAL ADEQUACY TEST



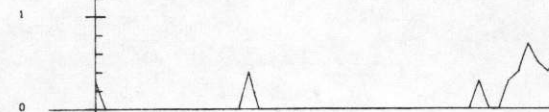
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY	
KENAI, ALASKA	
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES	
1976-1978	
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006	
PREPARED FOR DEPARTMENT OF ENERGY	



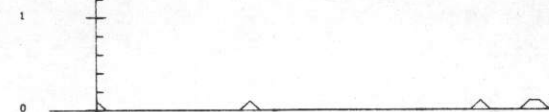
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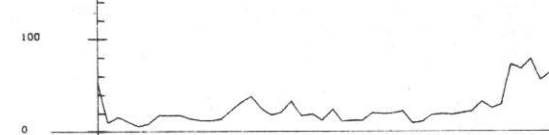
BI/TL
0.20/DIV



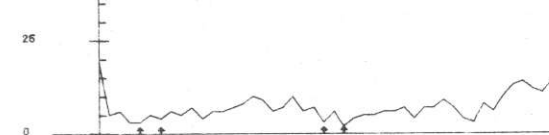
BI/K
0.20/DIV



K
20 C/S/DIV



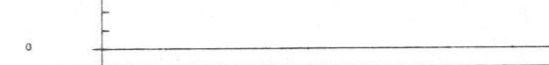
TL
5 C/S/DIV



BI
5 C/S/DIV



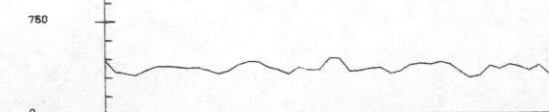
BI COR
6.00/DIV



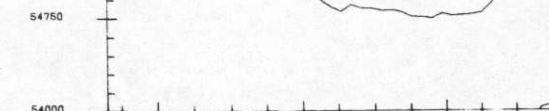
TC
300 C/S/DIV



ALT
160 FT/DIV



MAG
160 GAMMAS/DIV

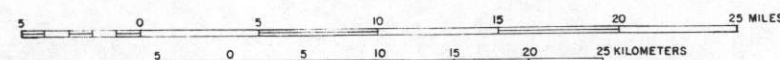


37470 37200 37000 36826

TL 205

↑ FLAGGED SAMPLE VALUES OF
K, TL, BI INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA

RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

TL/K
0.20/DIV

BI/IL
0.20/DIV

BI/K
0.20/DIV

K
20 C/S/DIV

TL
5 C/S/DIV

BI
5 C/S/DIV

BI COR
5.00/DIV

TC
300 C/S/DIV

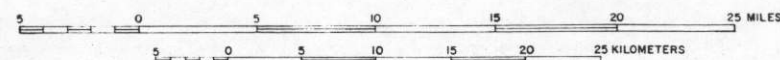
ALT
150 FT/DIV

MAG
150 GAMMAS/DIV

TL 206

↑ FLAGGED SAMPLE VALUES OF
K, U, T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA

RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

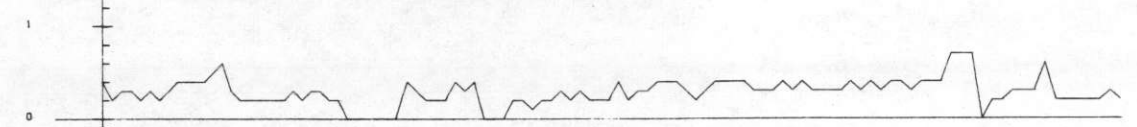
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
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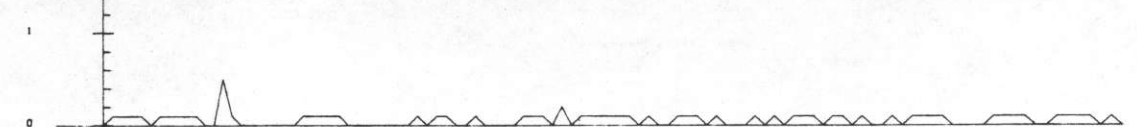
TL/K
0.20/DIV



BI/TL
0.20/DIV



BI/K
0.20/DIV



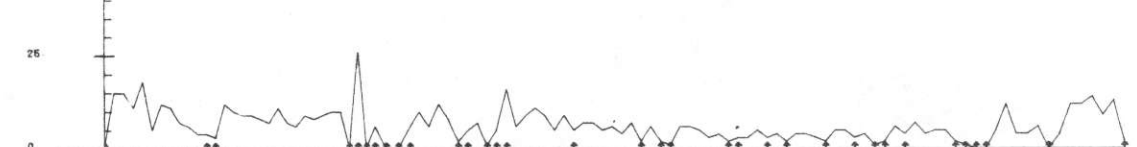
K
20 C/S/DIV



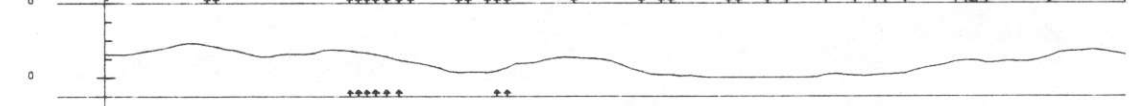
TL
5 C/S/DIV



BI
5 C/S/DIV



BI COR
5.00/DIV



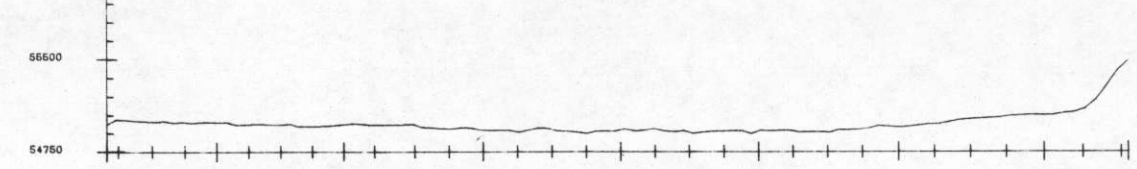
TC
300 C/S/DIV



ALT
150 FT/DIV



MAG
150 GRAMS/DIV

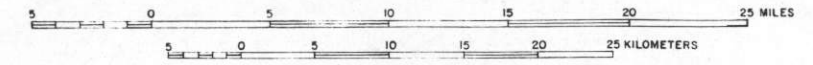


53767 53800 53400 53200 53000 52800 52600 52400 52291

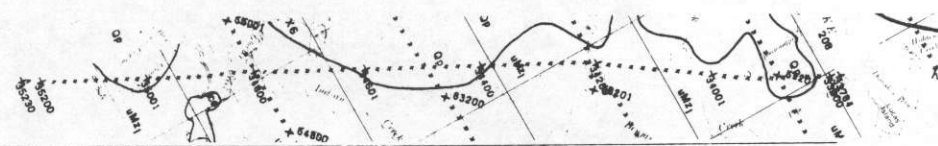
TL 207

SCALE 1:500,000

↑ FLAGGED SAMPLE VALUES OF
K, U, T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
KENAI, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR DEPARTMENT OF ENERGY



TL/K
0.20/DIV



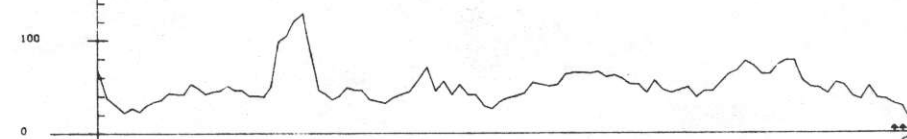
BI/TL
0.20/DIV



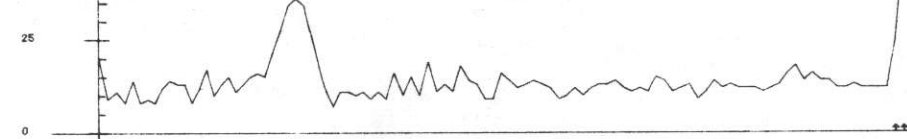
BI/K
0.20/DIV



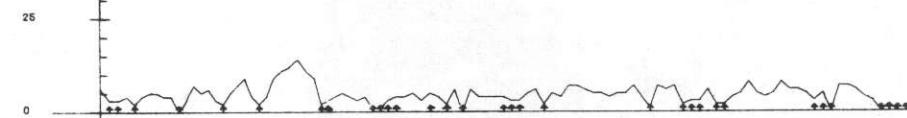
K
20 C/S/DIV



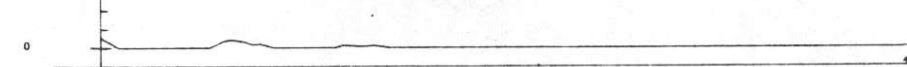
TL
5 C/S/DIV



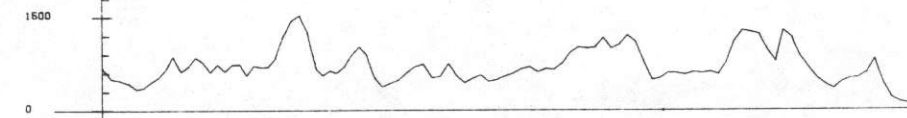
BI
5 C/S/DIV



BI COR
5.00/DIV



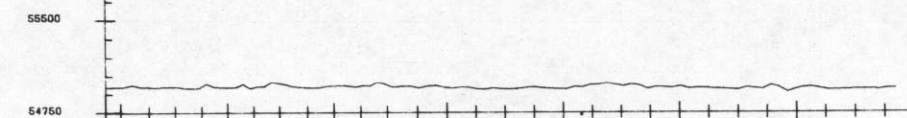
TC
300 C/S/DIV



ALT
150 FT/DIV



MAG
150 GAMMAS/DIV

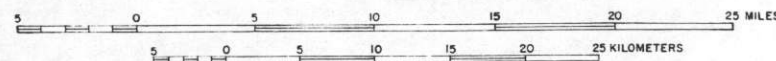


35224 35000 34800 34600 34400 34200 34000 33790

TL 208

↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA

RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

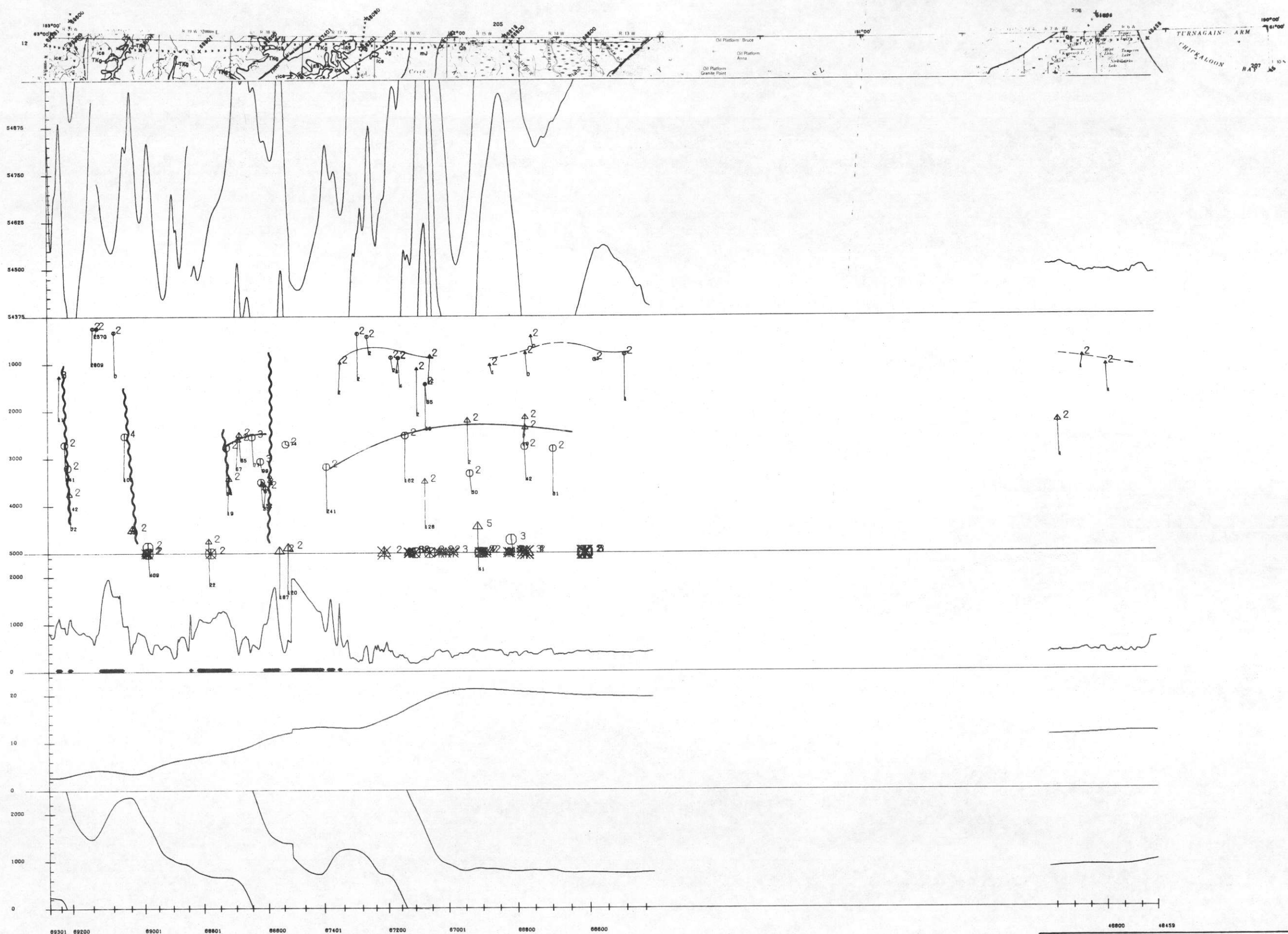
MAG
25 GAUSS/DIV

MAG SOURCE
DEPTH
1000 FT/DIV

ALT
200 FT/DIV

TEMP
2.00 DEGREES/DIV

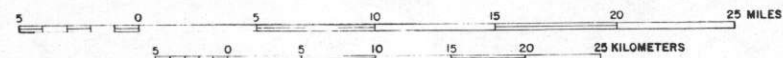
BAR ALT
200 FT/DIV



P 12

↑ EXCEEDS ALTITUDE SPECIFICATIONS

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

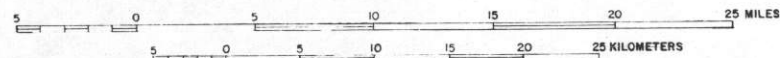
PREPARED FOR
DEPARTMENT OF ENERGY



P 13

↑ EXCEEDS ALTITUDE SPECIFICATIONS

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976 - 1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

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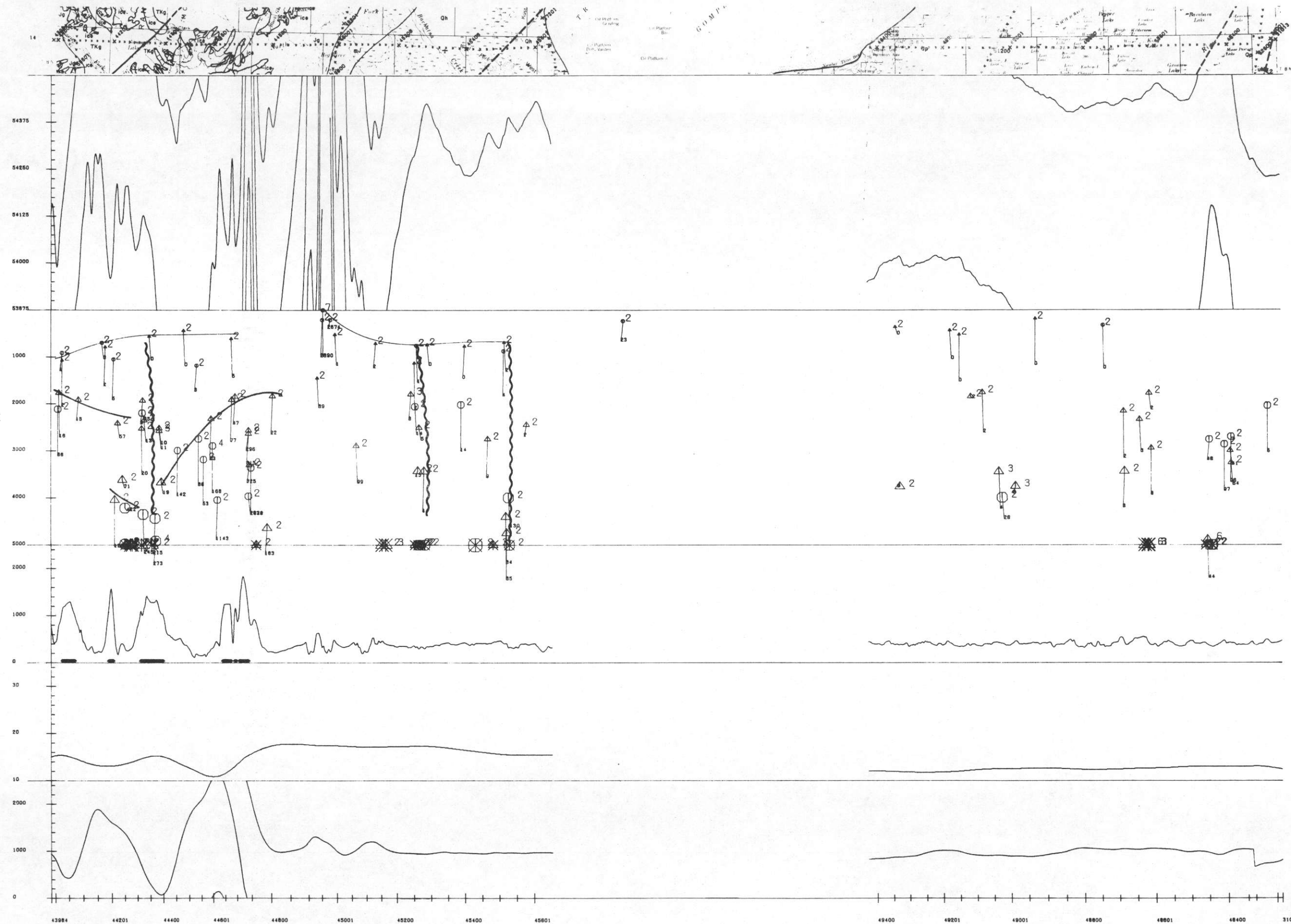
MAG
25 GAMMAS/DIV

MAG SOURCE
DEPTH
1000 FT/DIV

ALT
200 FT/DIV

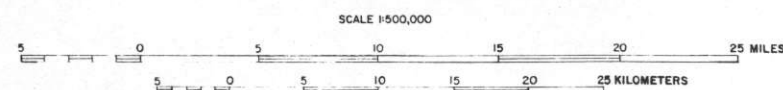
TEMP
2.00 DEGREES/DIV

BAR ALT
200 FT/DIV



P 14

↑ EXCEEDS ALTITUDE SPECIFICATIONS

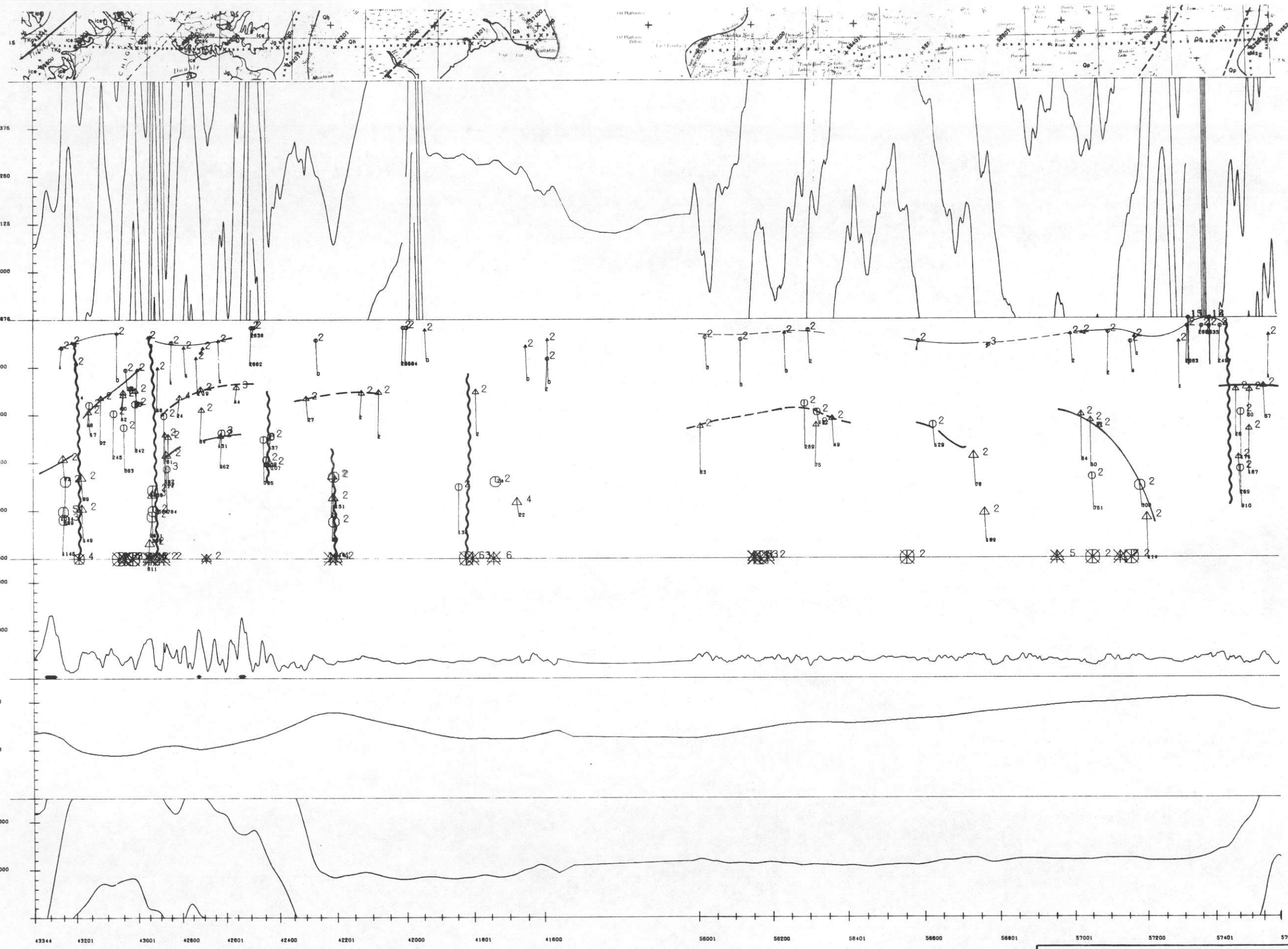


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

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DEPARTMENT OF ENERGY



MAG
25 GAMMAS/DIV

MAG SOURCE
DEPTH
1000 FT/DIV

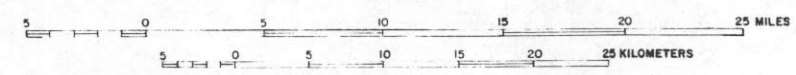
ALT
200 FT/DIV

TEMP
2.00 DEGREES/DIV

BAR ALT
200 FT/DIV

P 15

SCALE 1:500,000



↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR DEPARTMENT OF ENERGY

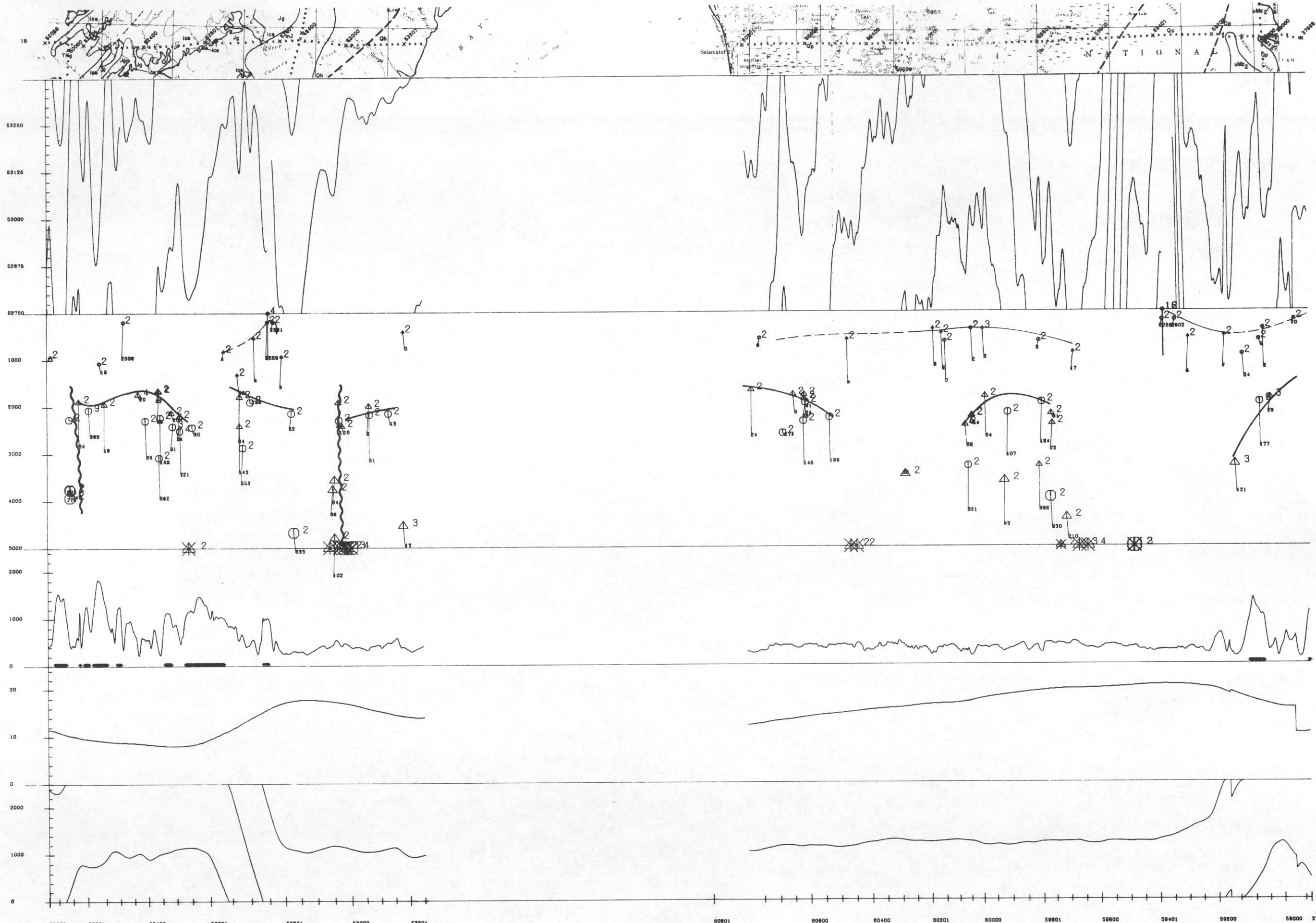
MAG
20 GAMMAS/DIV

MAG SOURCE
DEPTH
1000 FT/DIV

ALT
200 FT/DIV

TEMP
2.00 DEGREES/DIV

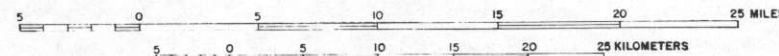
BAR ALT
200 FT/DIV



P 16

↑ EXCEEDS ALTITUDE SPECIFICATIONS

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

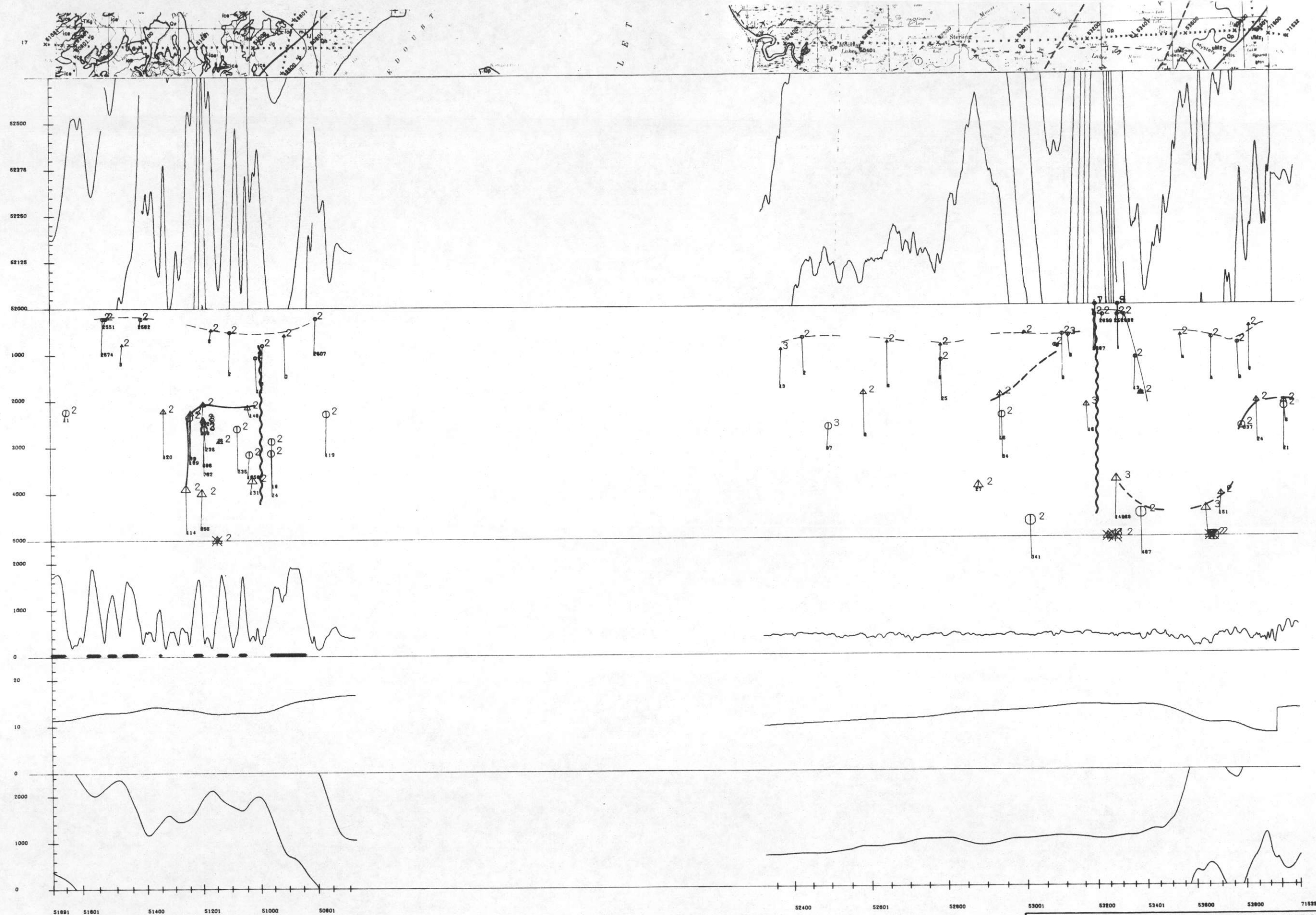
MAG
25 GAMMA/01V

MAG SOURCE
DEPTH
1000 FT/01V

ALT
200 FT/01V

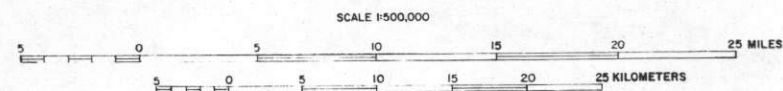
TEMP
2.00 DEGREES/01V

BAR ALT
200 FT/01V



P 17

↑ EXCEEDS ALTITUDE SPECIFICATIONS



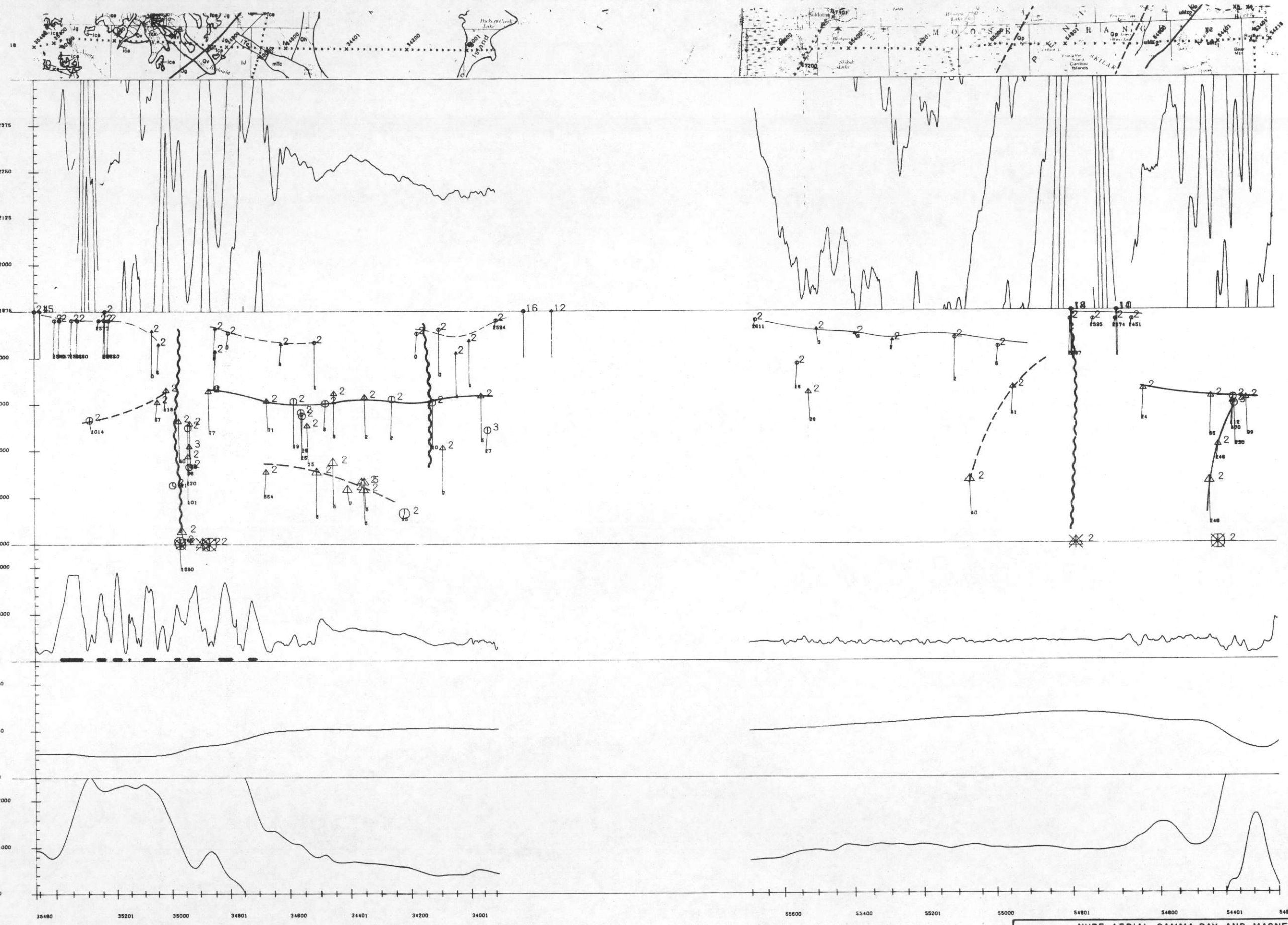
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY



MAG
25 OERSTED/DIV

MAG SOURCE
DEPTH
1000 FT/DIV

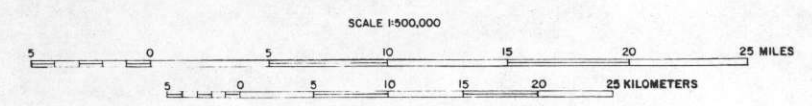
ALT
200 FT/DIV

TEMP
2.00 DEGREES/DIV

BAR ALT
200 FT/DIV

P 18

↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY	
KENAI, ALASKA	
MAGNETIC AND ANCILLARY STACKED PROFILE DATA	
1976 - 1978	
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006	
PREPARED FOR DEPARTMENT OF ENERGY	

MAG
25 OERHRS/DIV

MAG SOURCE
DEPTH
1000 FT/DIV

ALT
200 FT/DIV

TEMP
2.00 DEGREES/DIV

BAR ALT
200 FT/DIV

P 19

↑ EXCEEDS ALTITUDE SPECIFICATIONS

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976 - 1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

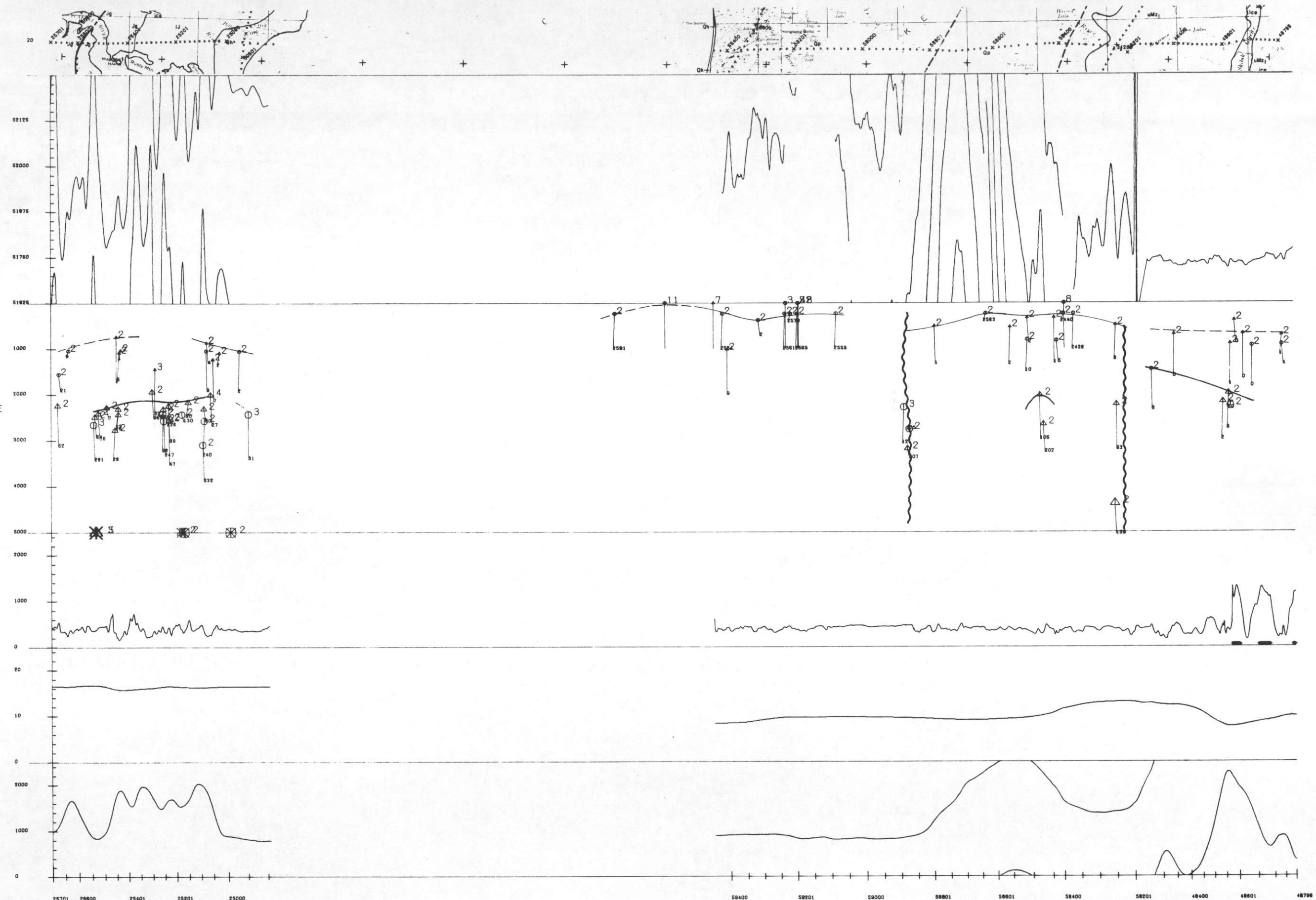
MAG
25 GAUSS/DIV

MAG SOURCE
DEPTH
1000 FT/DIV

ALT
200 FT/DIV

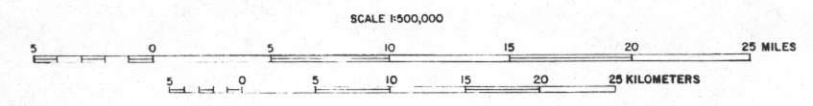
TEMP
2.00 DEGREES/DIV

BAR ALT
200 FT/DIV



P 20

↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY	
KENAI, ALASKA	
MAGNETIC AND ANCILLARY STACKED PROFILE DATA	
1976 - 1978	
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006	
PREPARED FOR DEPARTMENT OF ENERGY	

MAG
25 GAMMAS/DIV

MAG SOURCE
DEPTH
1000 FT/DIV

ALT
200 FT/DIV

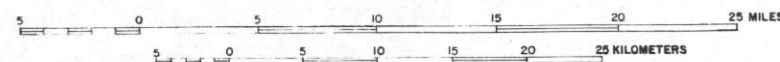
TEMP
2.00 DEGREES/DIV

BAR ALT
200 FT/DIV

P 21

↑ EXCEEDS ALTITUDE SPECIFICATIONS

SCALE 1:500,000

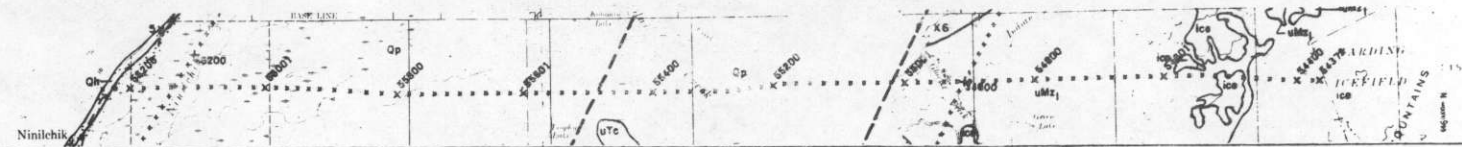
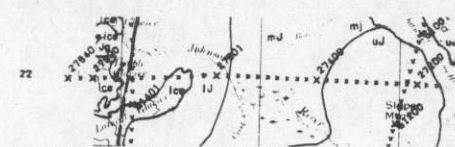


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

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MAG
25 GRAMAS/DIV

54800
54975
54850
54125
54000

MAG SOURCE
DEPTH
1000 FT/DIV

1000
2000
3000
4000
5000
6000

ALT
200 FT/DIV

1000
0

TEMP
2.00 DEGREES/DIV

30
20
10

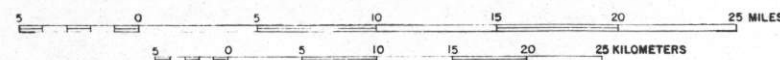
BAR ALT
200 FT/DIV

2000
1000
0

P 22

↑ EXCEEDS ALTITUDE SPECIFICATIONS

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

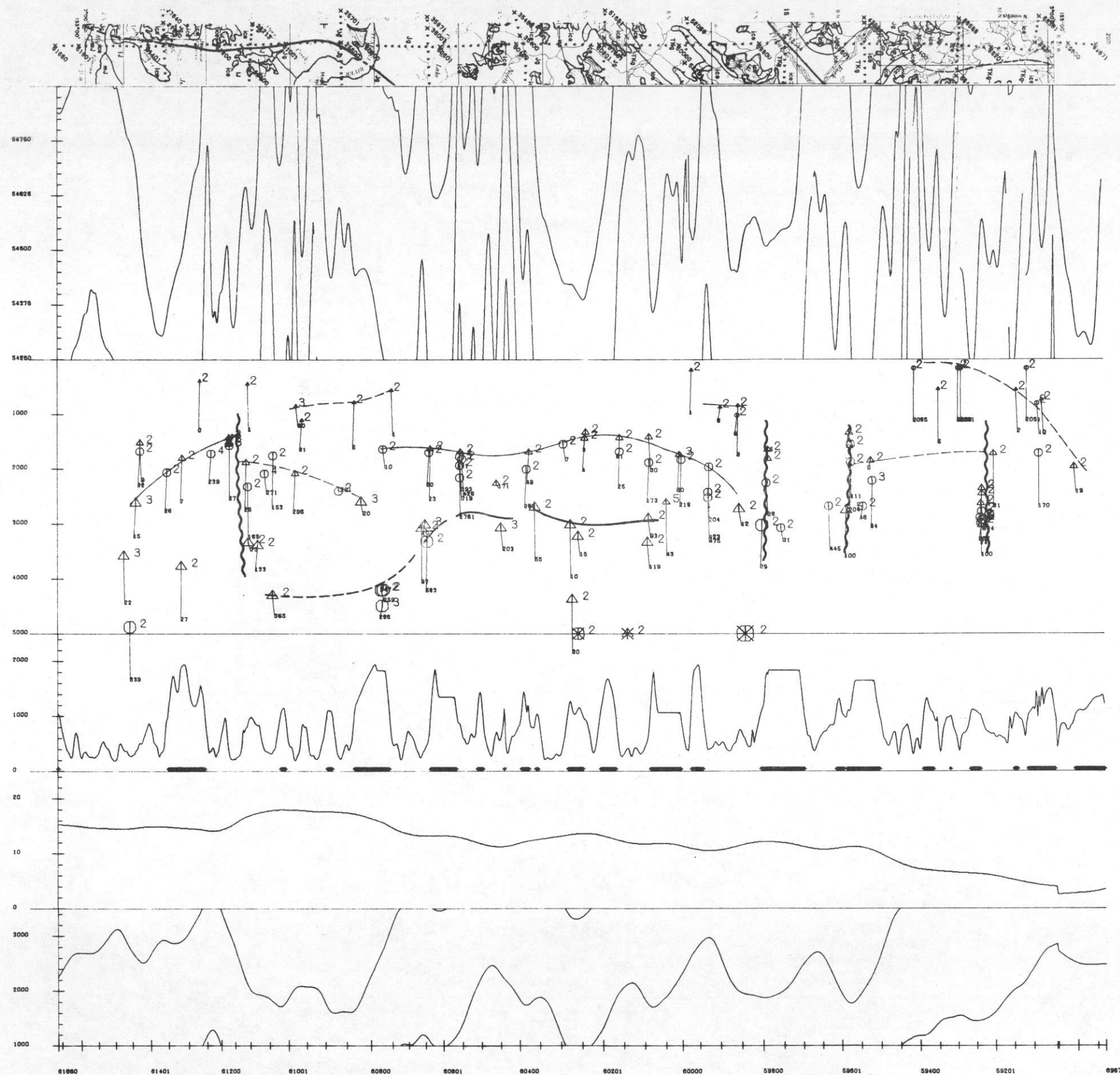
MAG
25 0.00005/DIV

MAG SOURCE
DEPTH
1000 FT/DIV

ALT
200 FT/DIV

TEMP
2.00000000/DIV

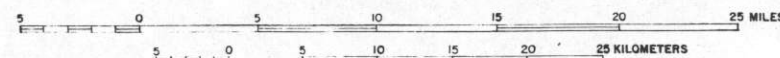
BAR ALT
200 FT/DIV



TL 200

↑ EXCEEDS ALTITUDE SPECIFICATIONS

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

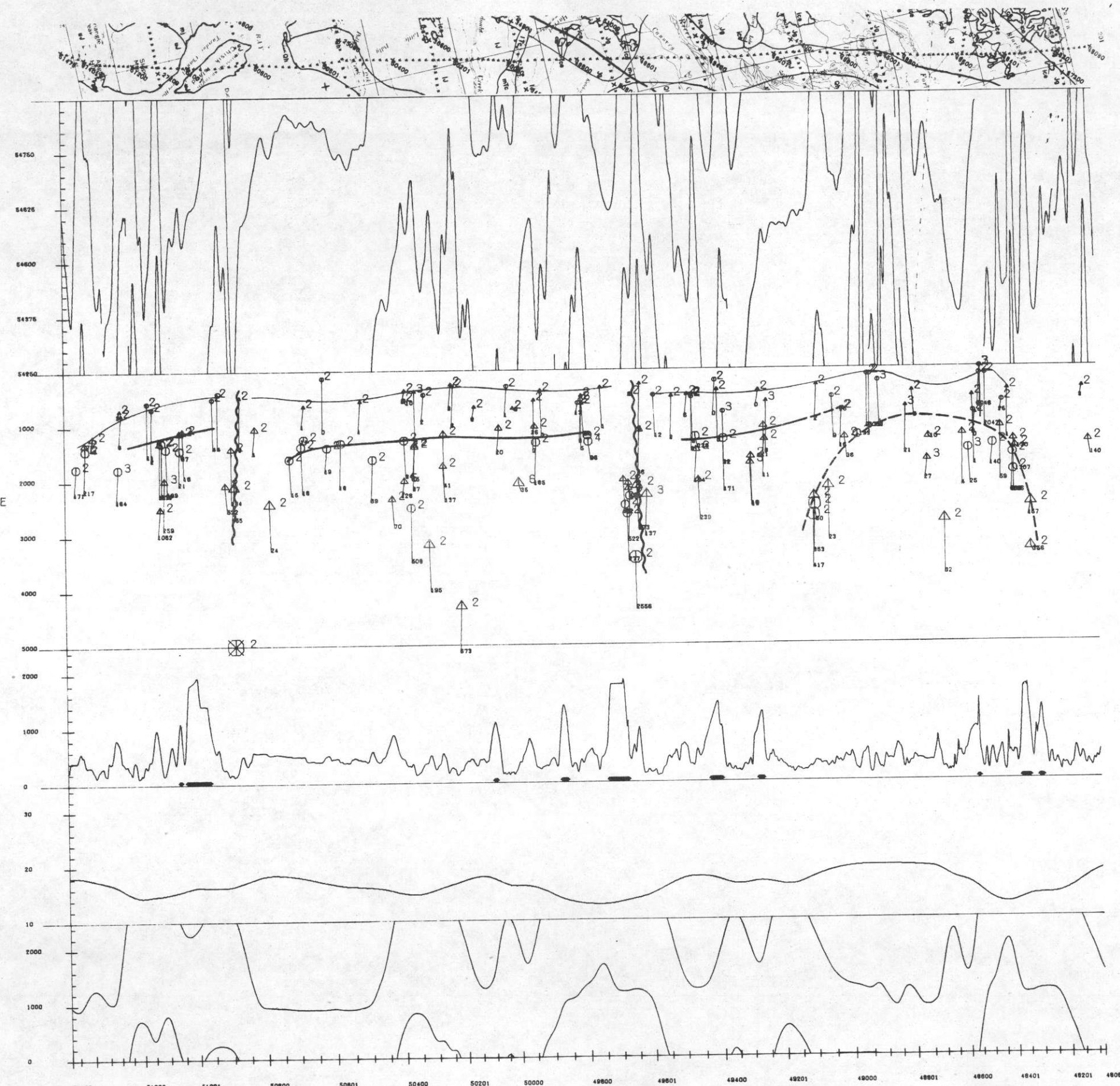
MAG
25 GAMMAS/DIV

MAG SOURCE
DEPTH
1000 FT/DIV

ALT
200 FT/DIV

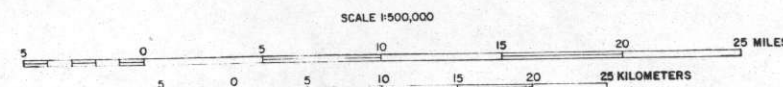
TEMP
2.00 DEGREES/DIV

BAR ALT
200 FT/DIV



TL 201

↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

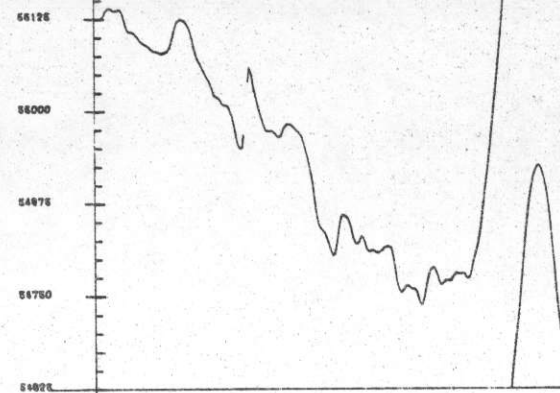
KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

1976-1978

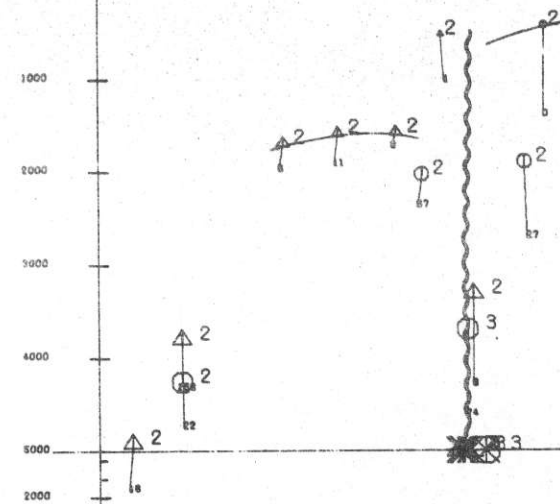
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

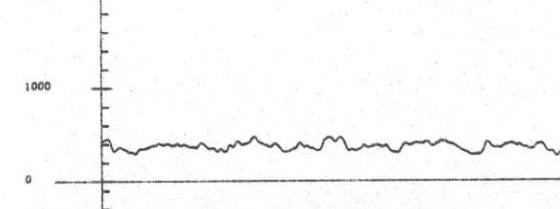
MAG
25 GRAMS/DIV



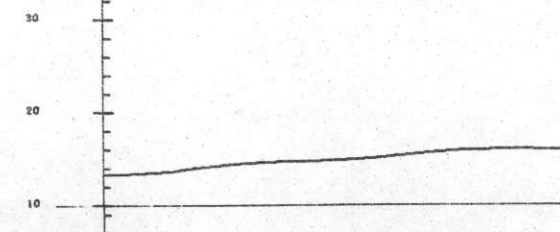
MAG SOURCE
DEPTH
1000 FT/DIV



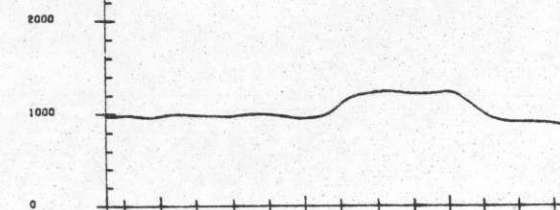
ALT
200 FT/DIV



TEMP
2.00 DEGREES/DIV



BAR ALT
200 FT/DIV

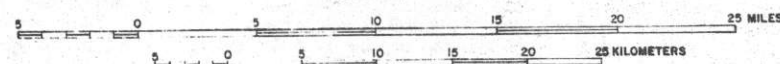


37478 37201 37000 36819

TL 205

↑ EXCEEDS ALTITUDE SPECIFICATIONS

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

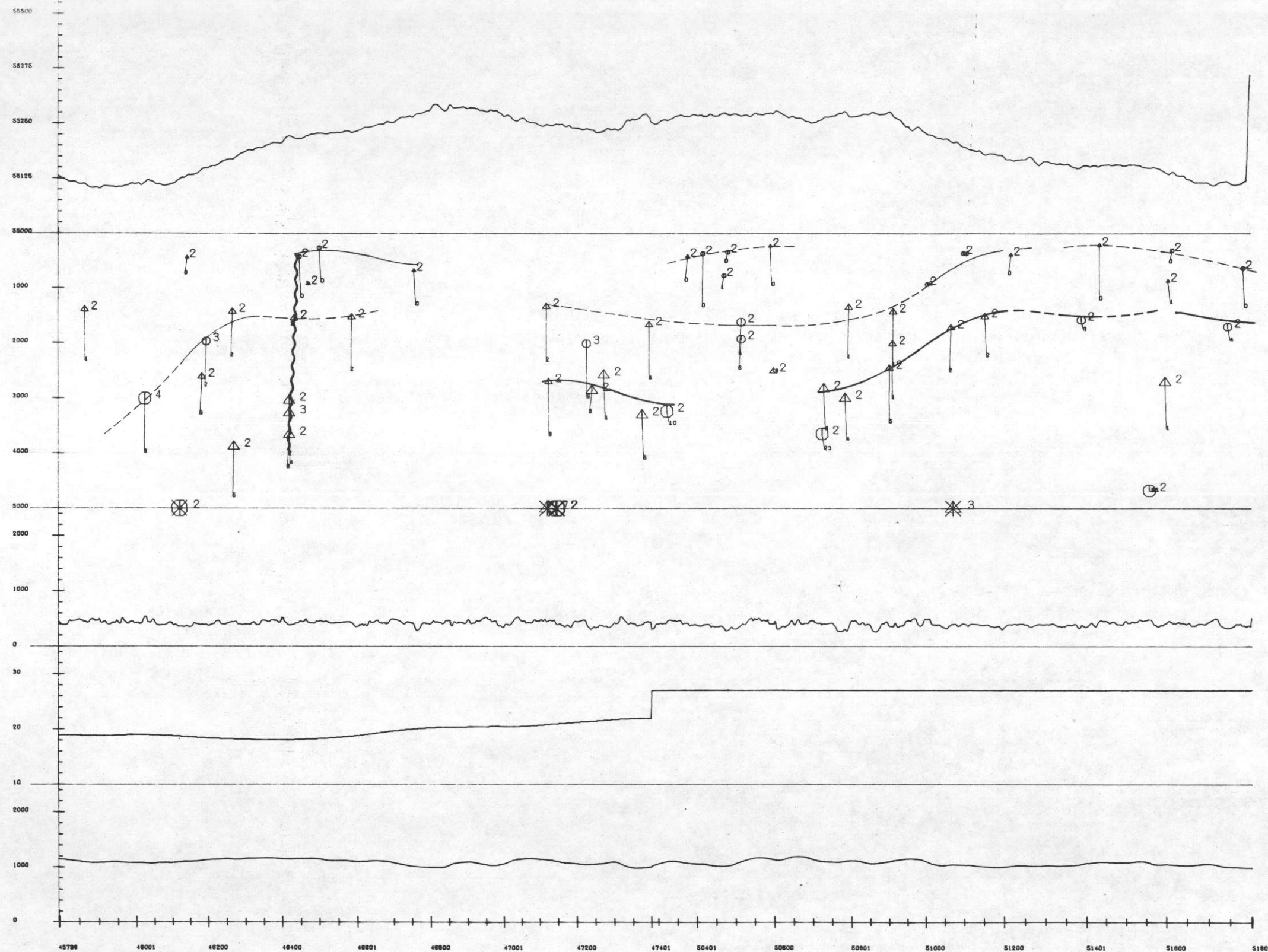
MAG
25 GAMMAS/DIV

MAG SOURCE
DEPTH
1000 FT/DIV

ALT
200 FT/DIV

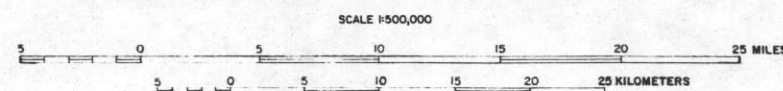
TEMP
2.00 DEGREES/DIV

BAR ALT
200 FT/DIV



TL 206

↑ EXCEEDS ALTITUDE SPECIFICATIONS

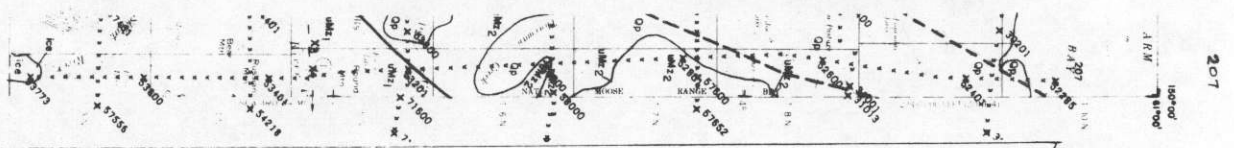


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY



207

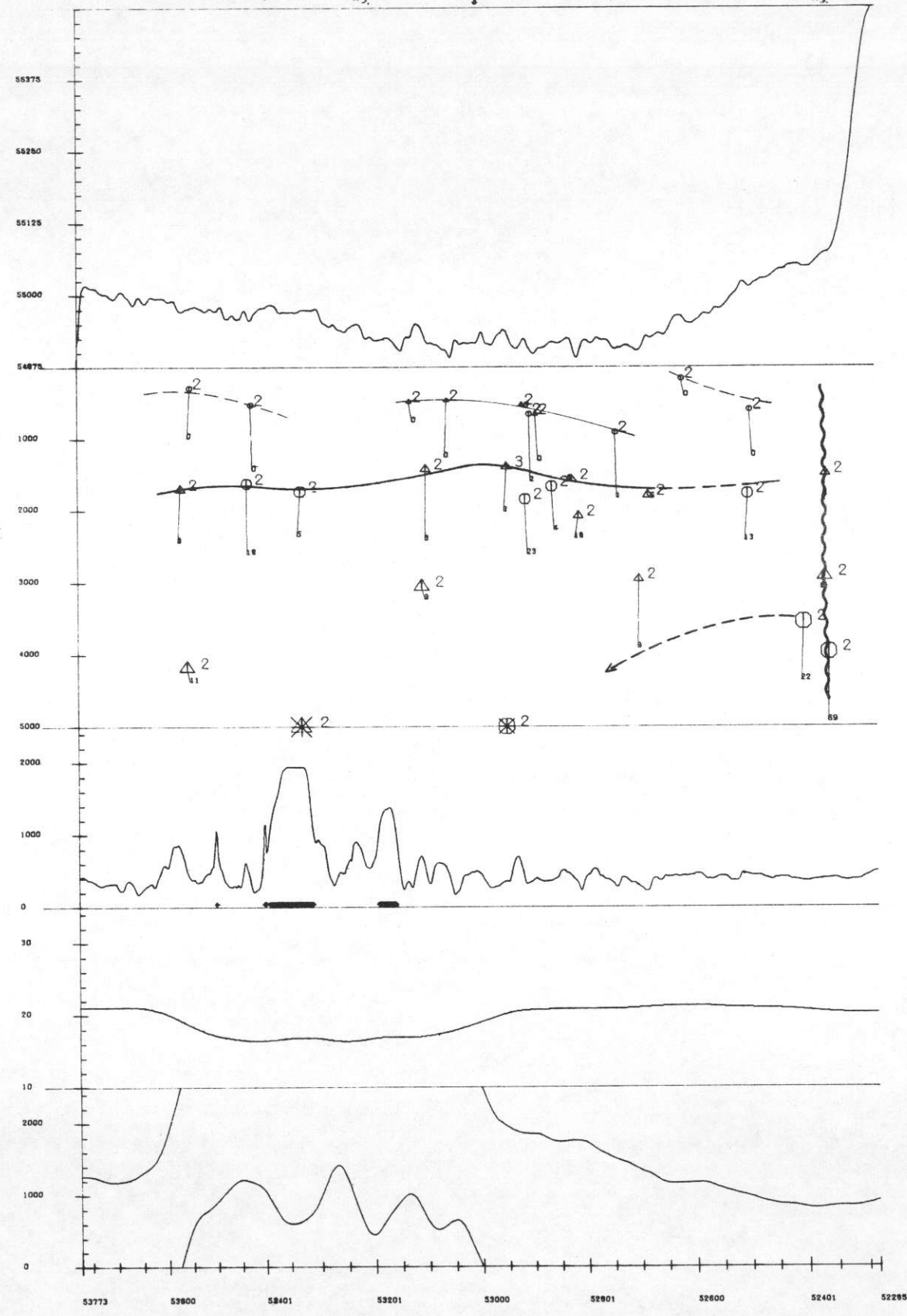
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MAG SOURCE
DEPTH
1000 FT/DIV

ALT
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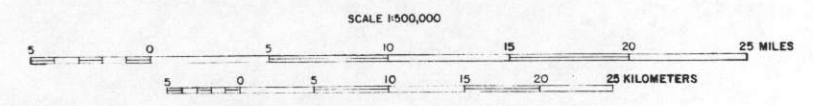
TEMP
2.00 DEGREES/DIV

BAR ALT
200 FT/DIV



TL 207

↑ EXCEEDS ALTITUDE SPECIFICATIONS



<p>NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY</p>
<p>KENAI, ALASKA</p>
<p>MAGNETIC AND ANCILLARY STACKED PROFILE DATA</p>
<p>1976 - 1978</p>
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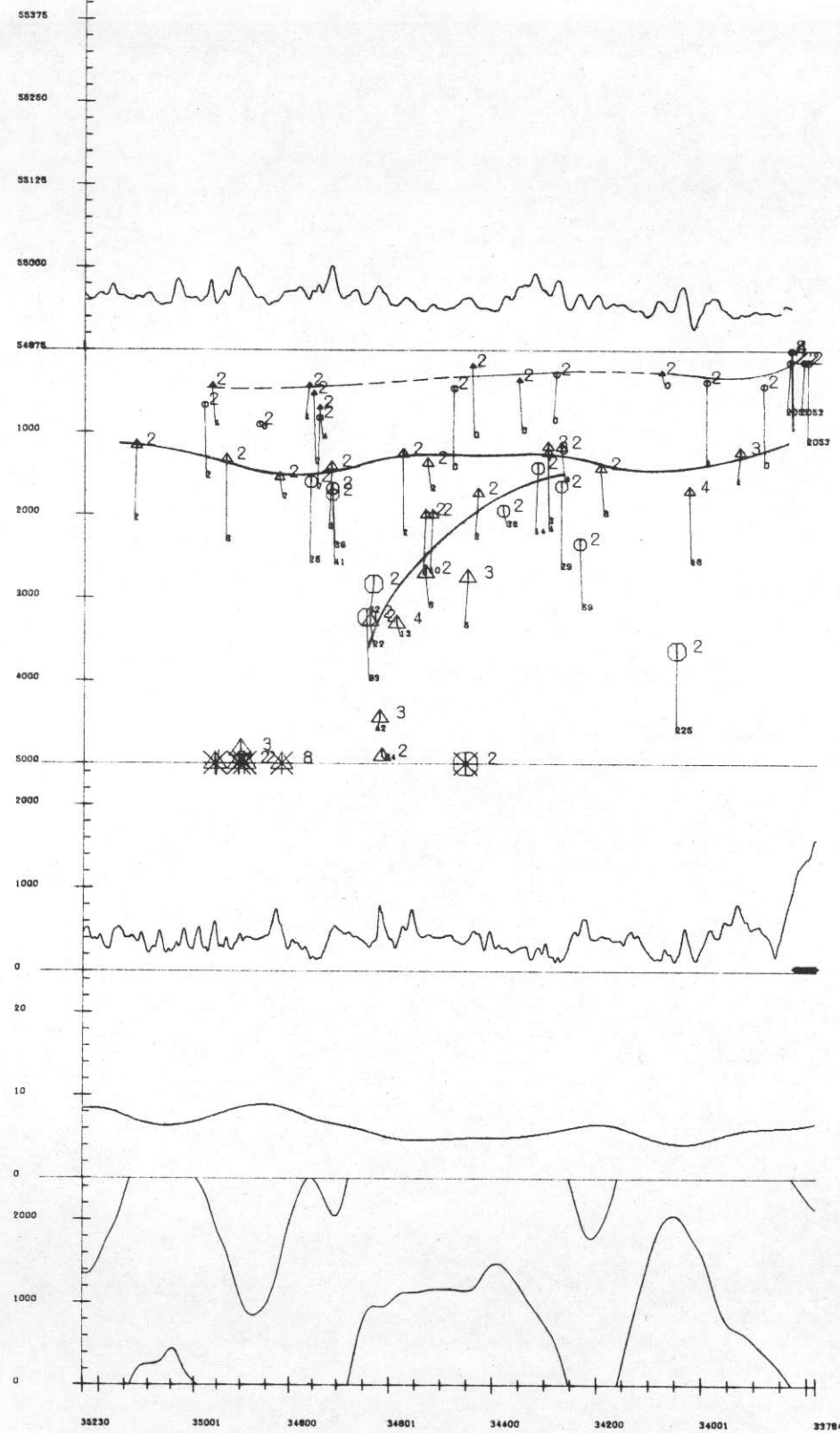
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MAG SOURCE
DEPTH
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ALT
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TEMP
2.30 DEGREES/DIV

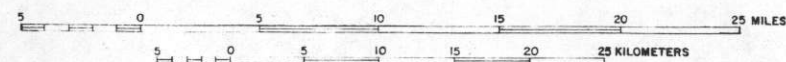
BAR ALT
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TL 208

↑ EXCEEDS ALTITUDE SPECIFICATIONS

SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

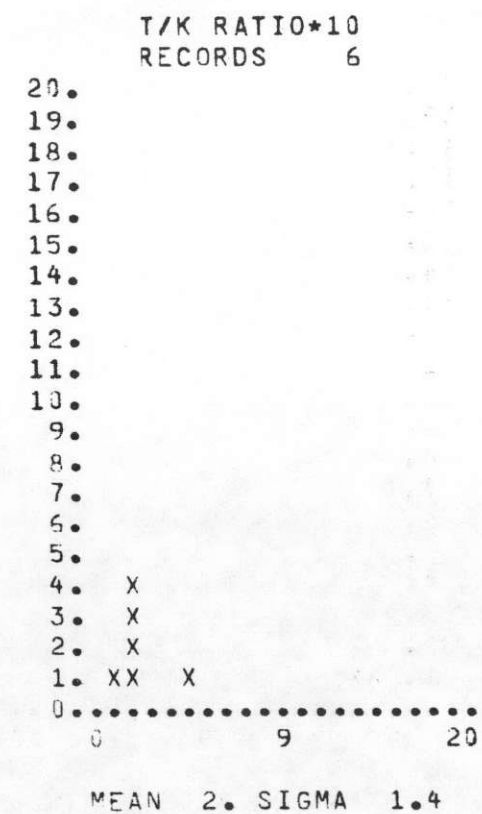
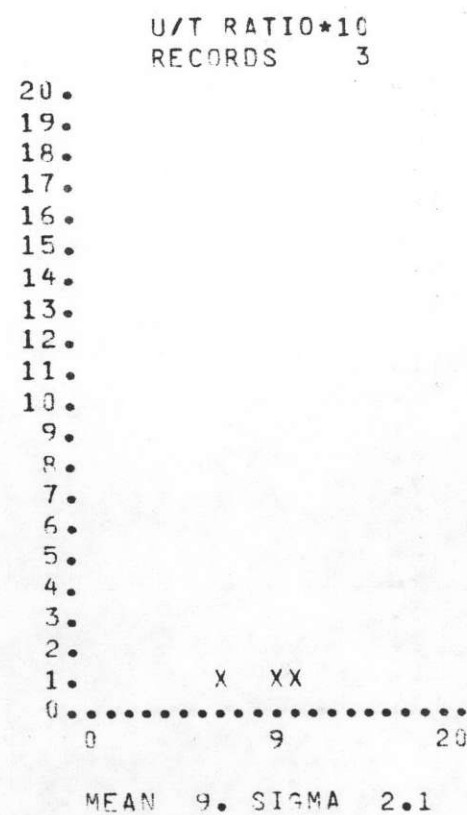
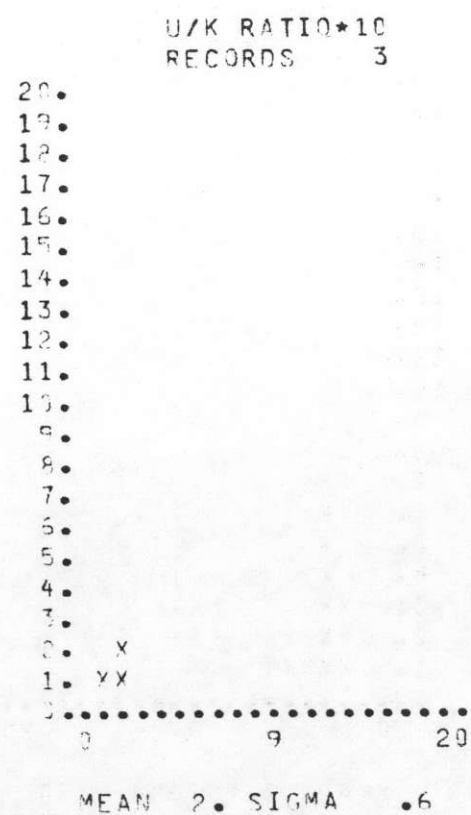
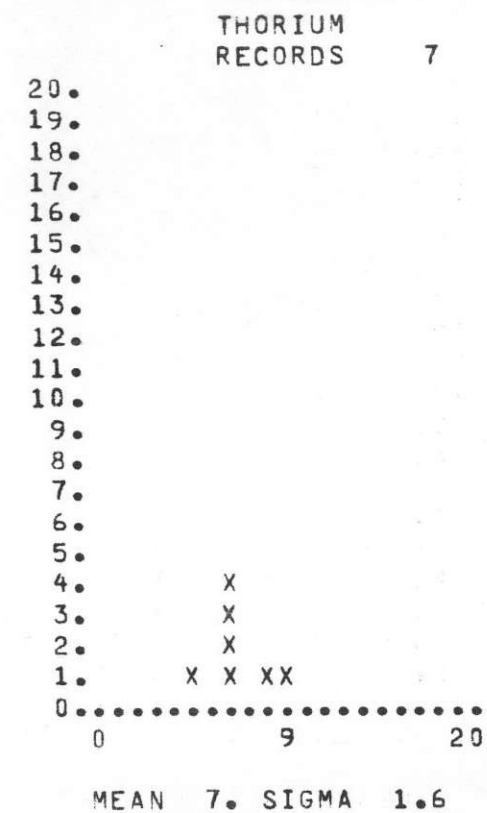
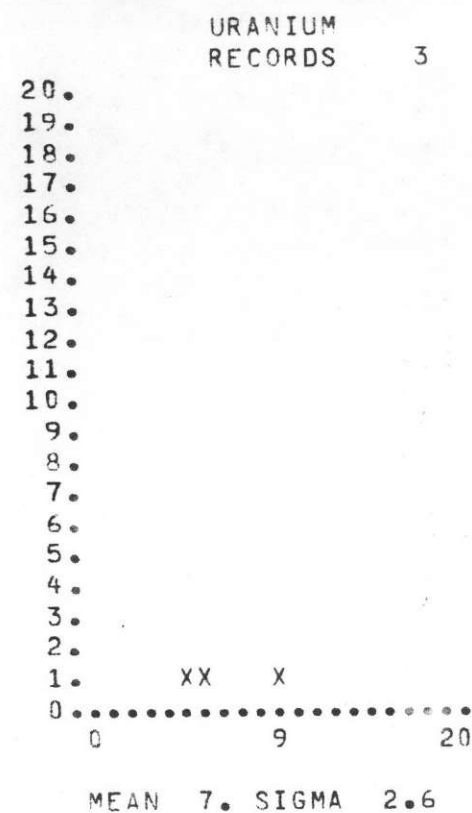
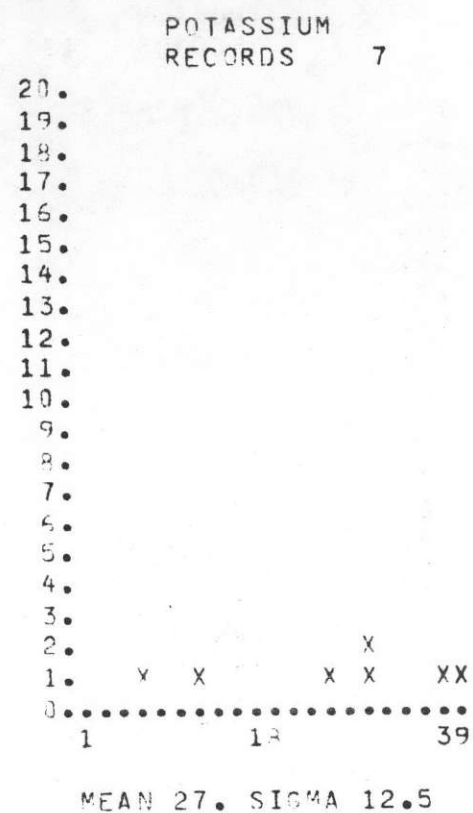
KENAI, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

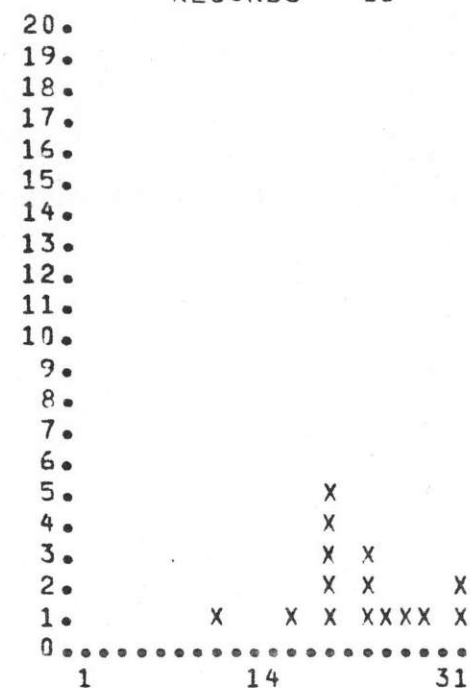
PREPARED FOR
DEPARTMENT OF ENERGY

KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT UM



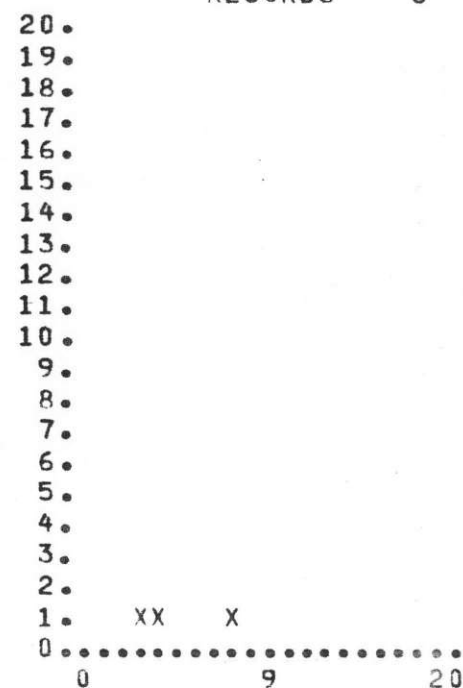
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT TRV

POTASSIUM
RECORDS 15



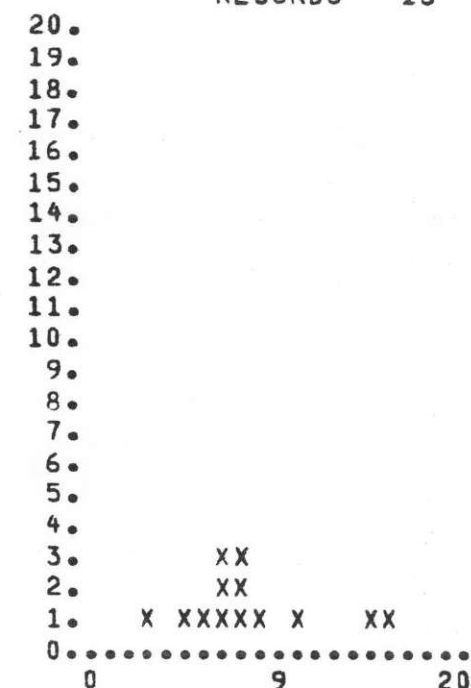
MEAN 23. SIGMA 5.1

URANIUM
RECORDS 3



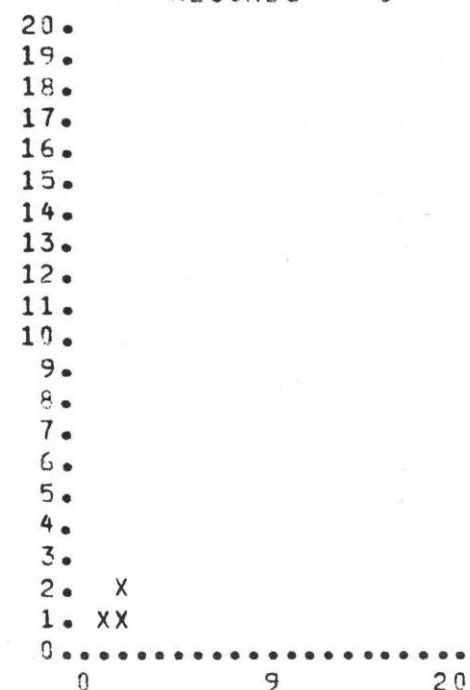
MEAN 5. SIGMA 2.6

THORIUM
RECORDS 13



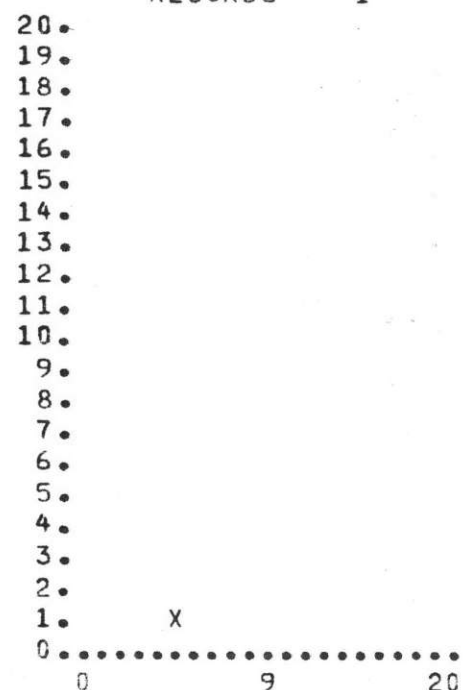
MEAN 8. SIGMA 3.7

U/K RATIO*10
RECORDS 3



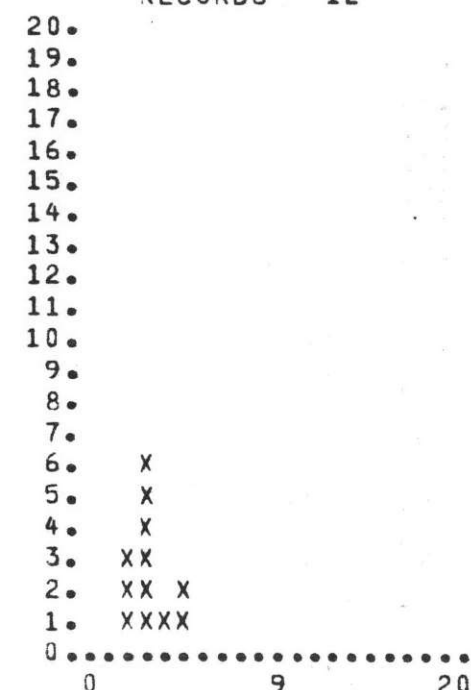
MEAN 2. SIGMA .6

U/T RATIO*10
RECORDS 1



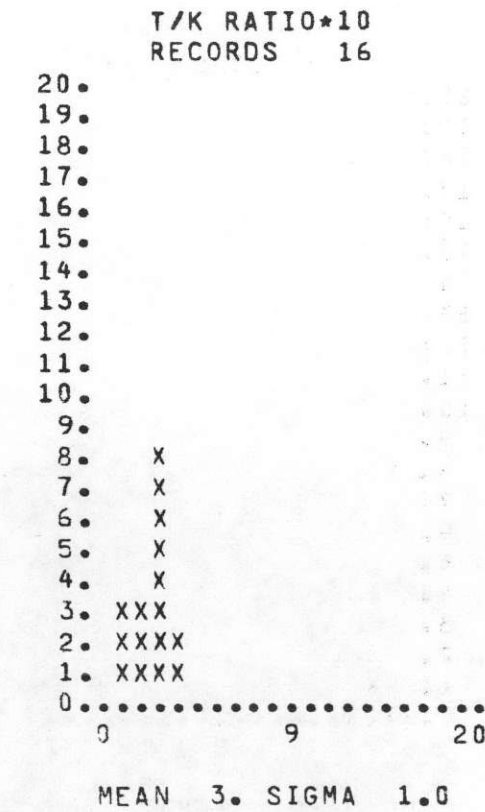
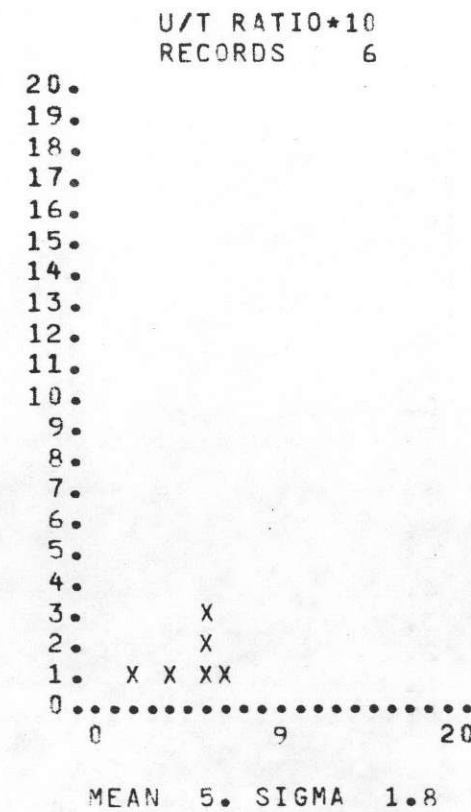
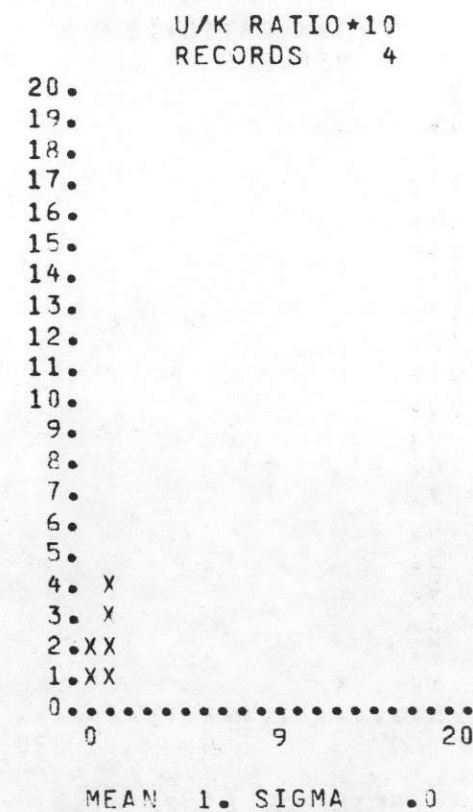
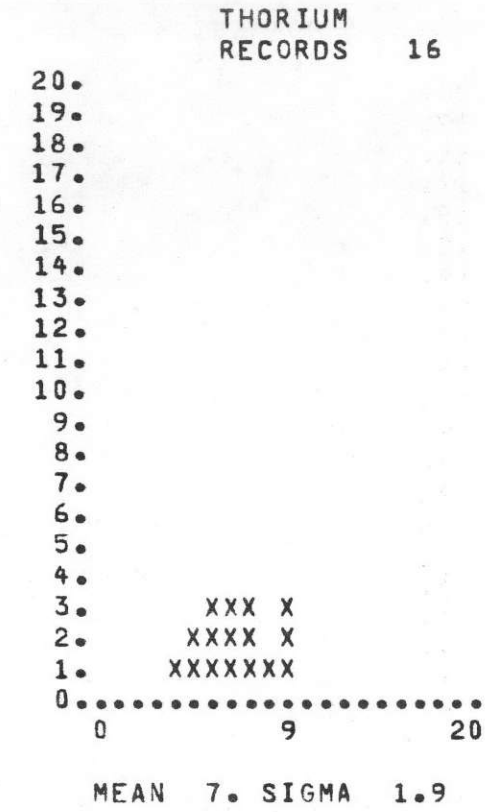
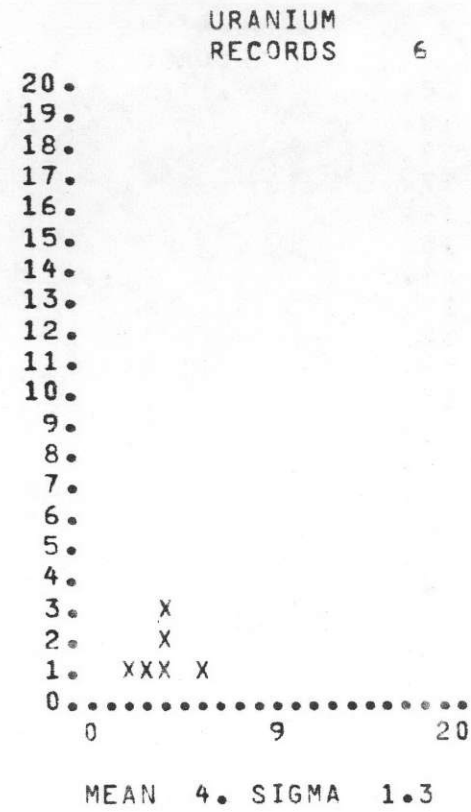
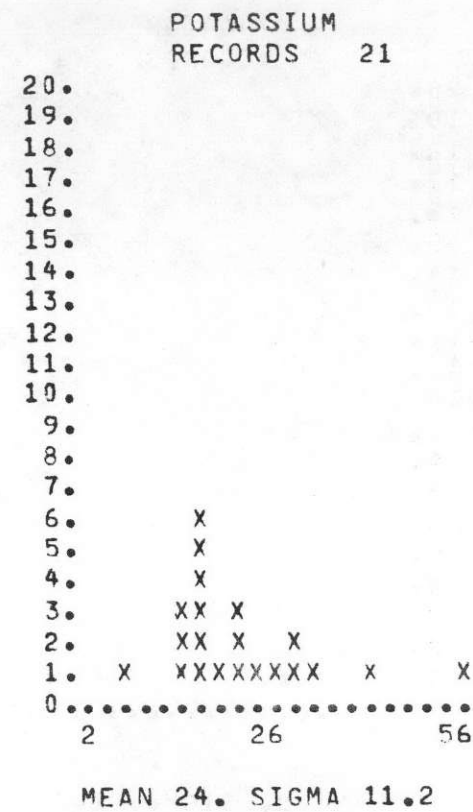
MEAN 5. SIGMA .0

T/K RATIO*10
RECORDS 12

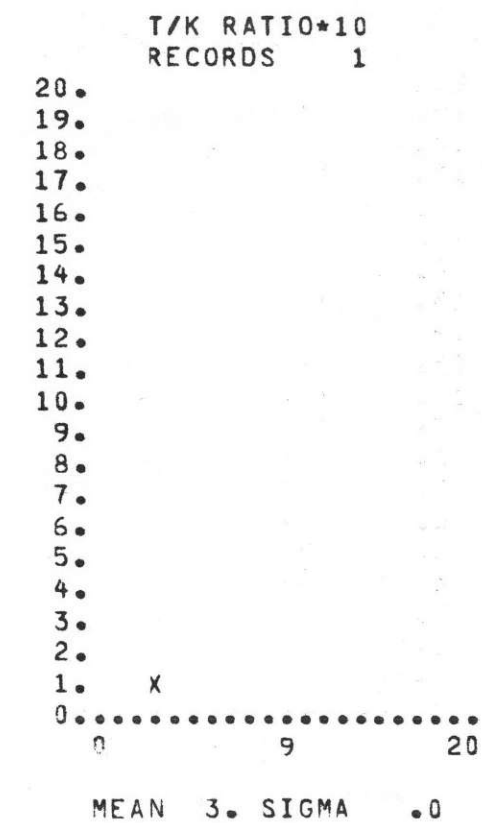
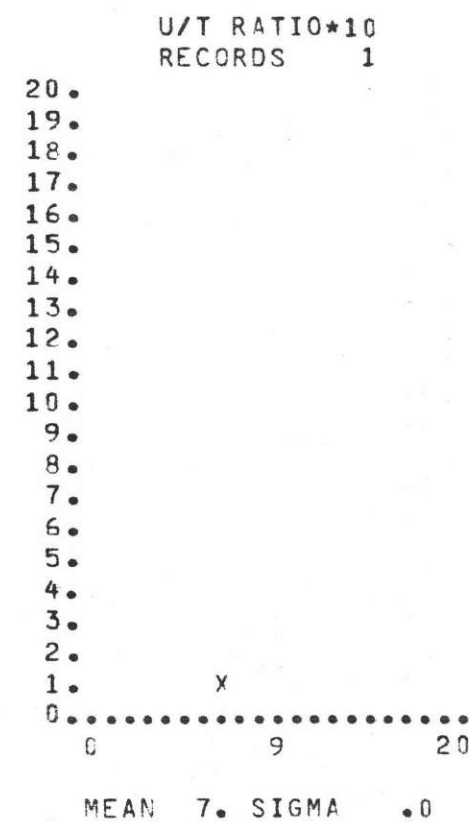
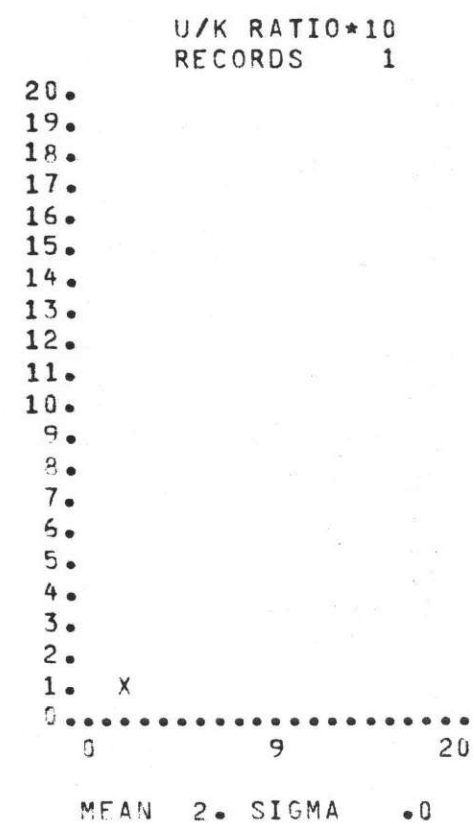
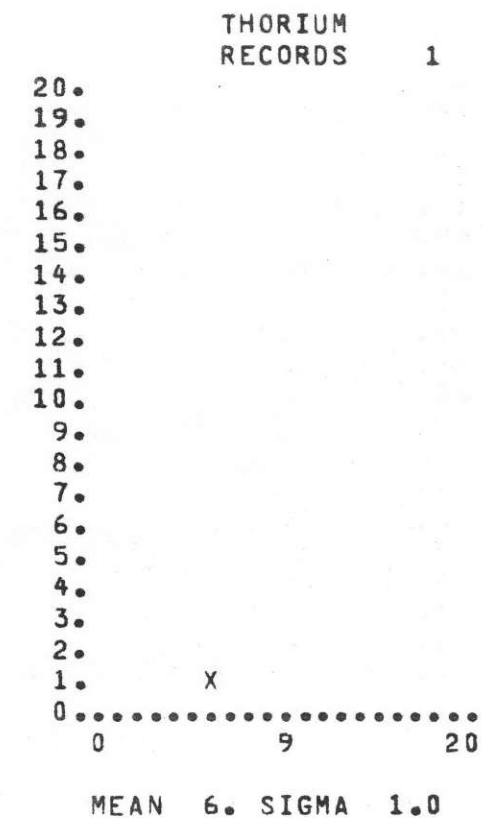
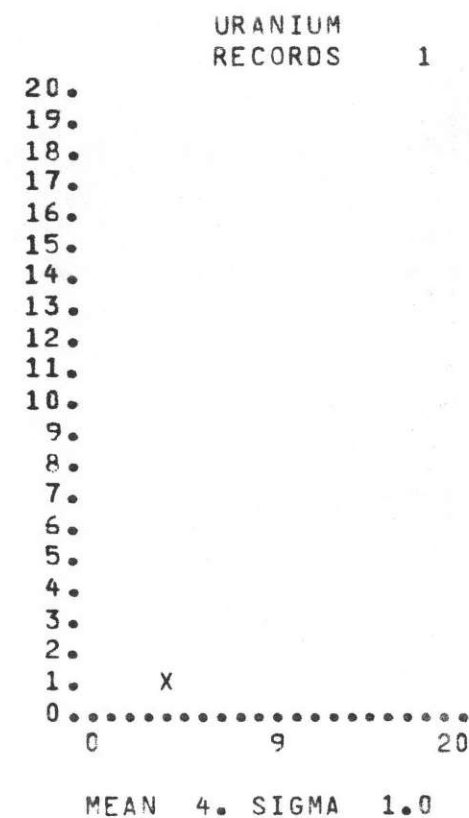
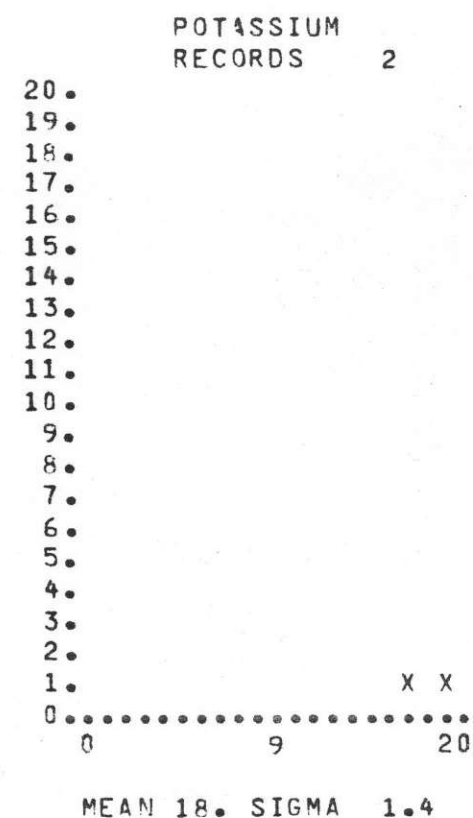


MEAN 3. SIGMA 1.0

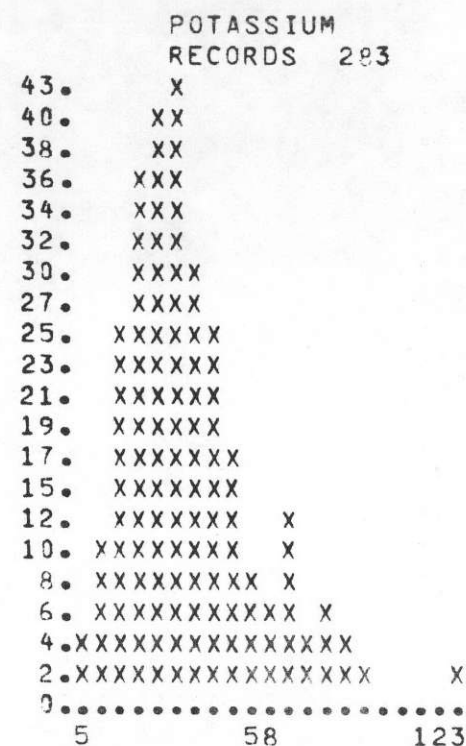
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT UTR



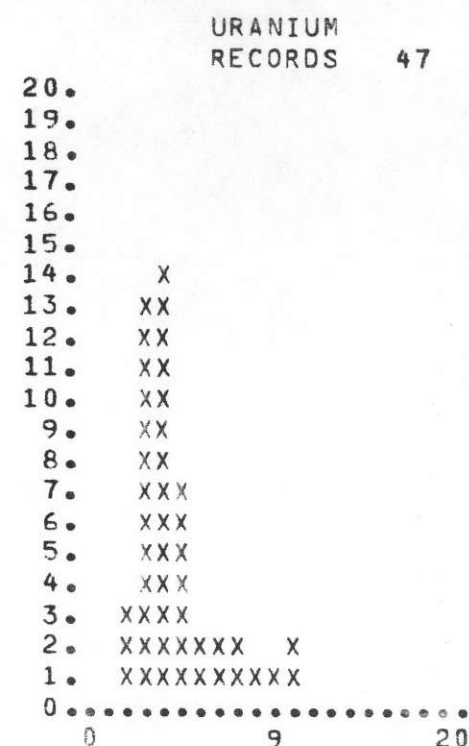
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT UTRM



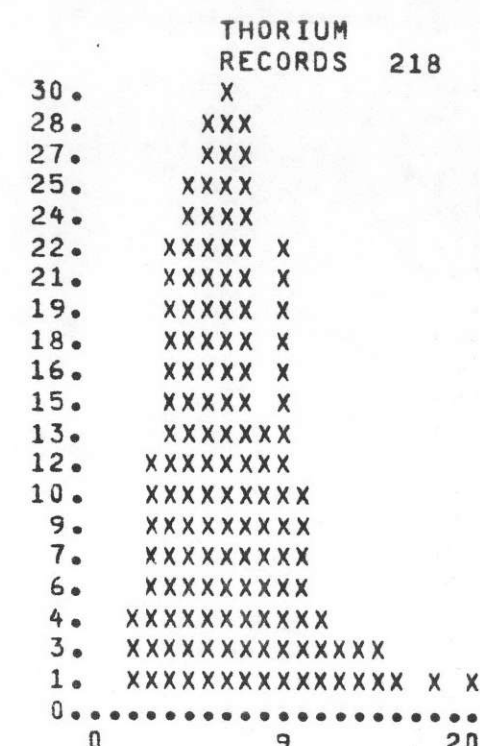
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT JG



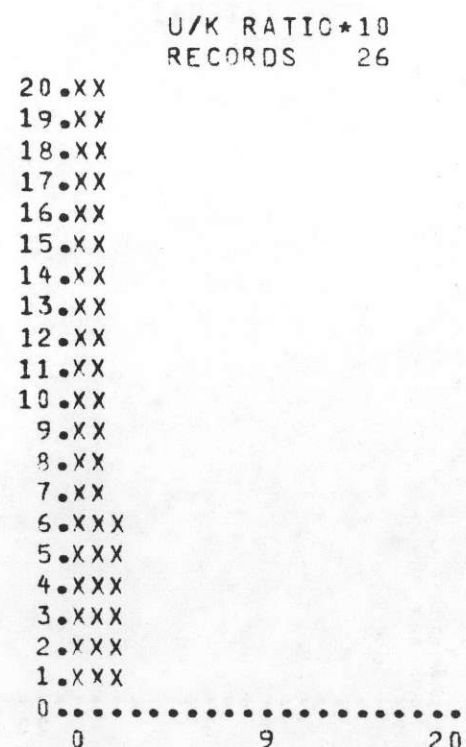
MEAN 37. SIGMA 20.6



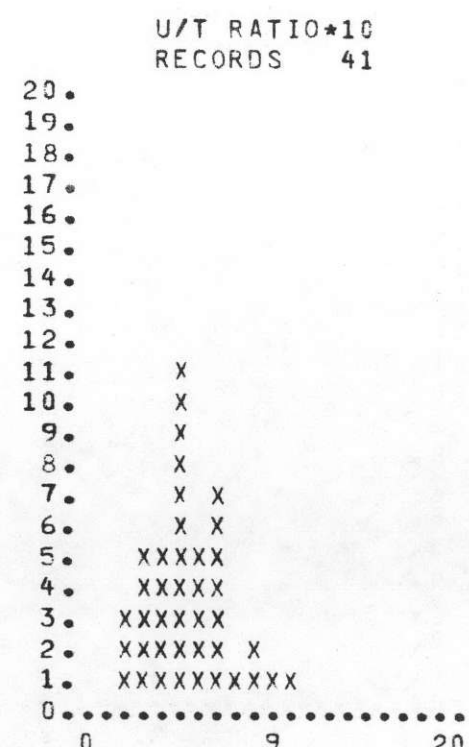
MEAN 5. SIGMA 2.2



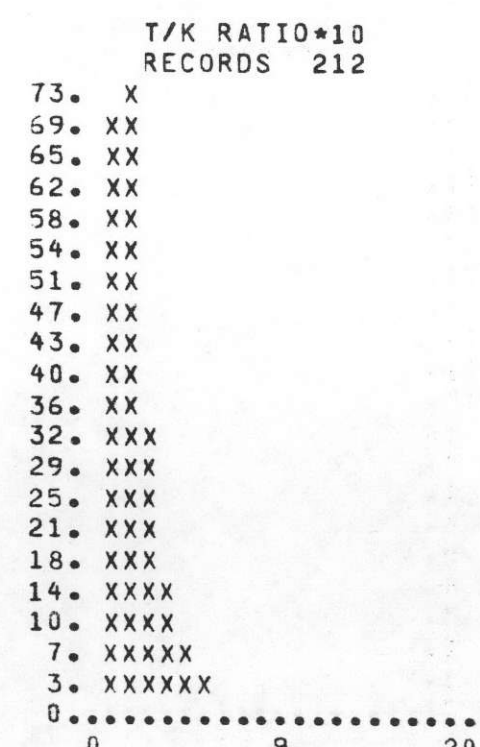
MEAN 9. SIGMA 3.5



MEAN 1. SIGMA .4

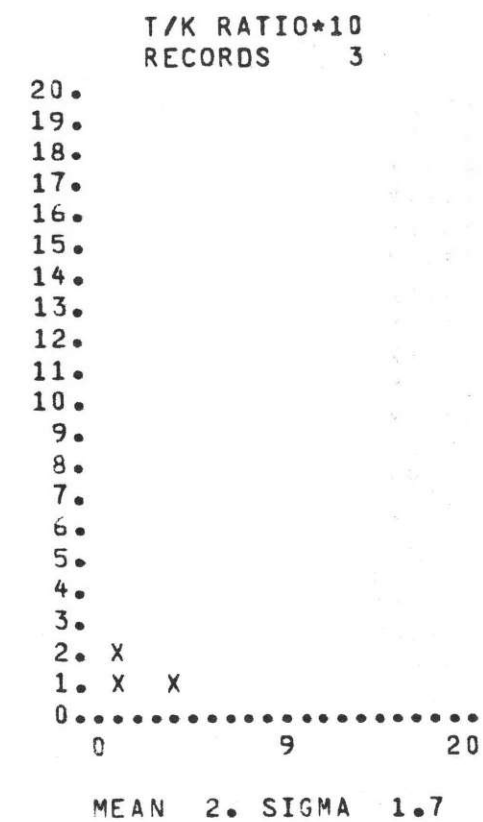
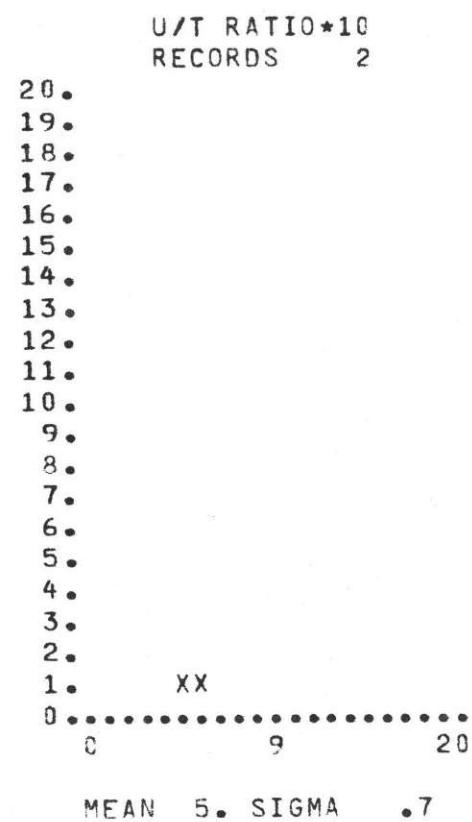
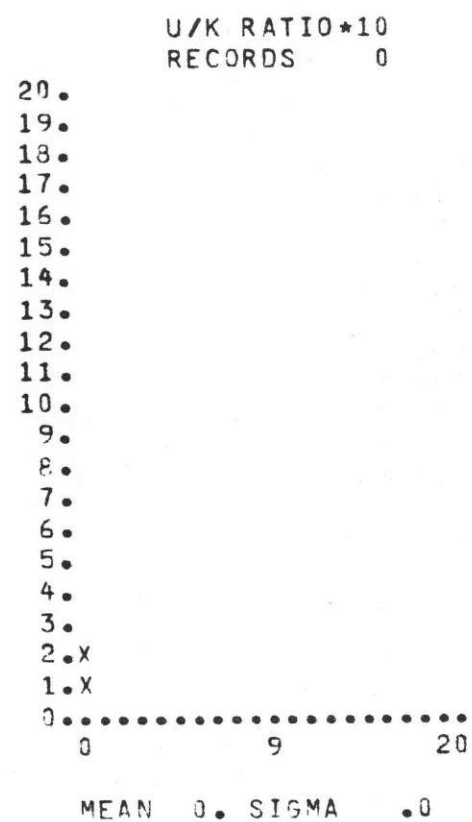
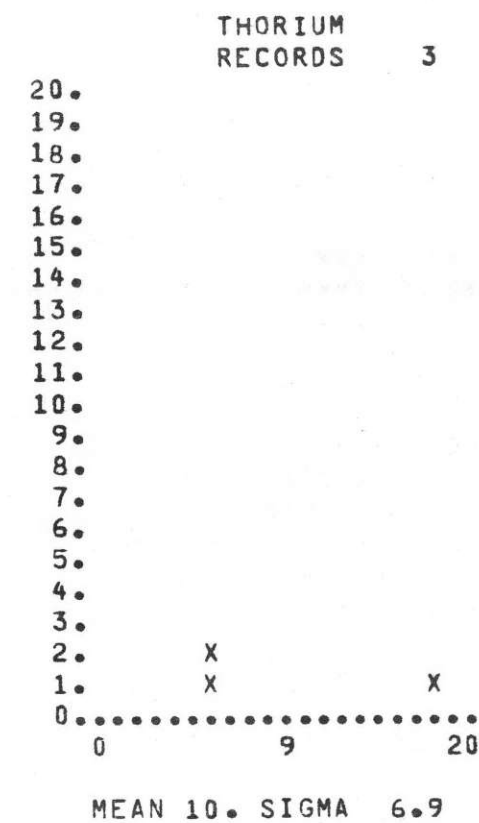
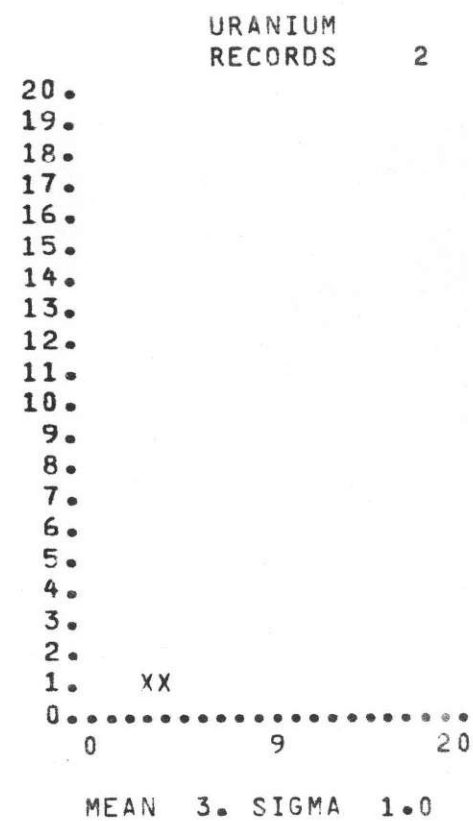
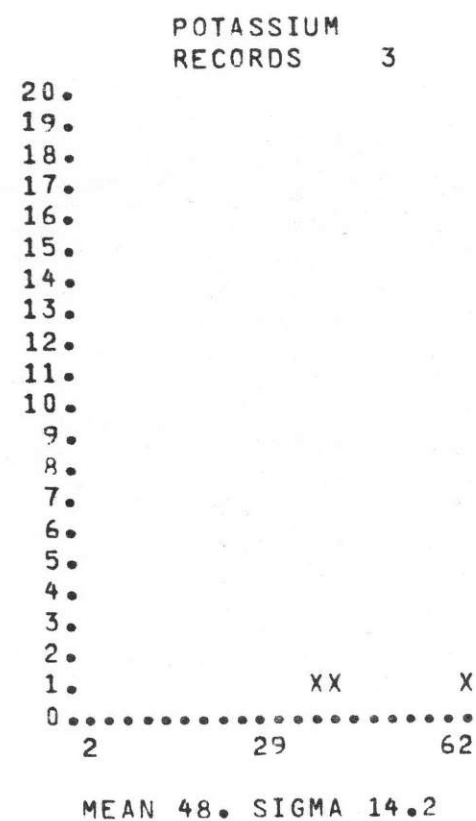


MEAN 5. SIGMA 2.1

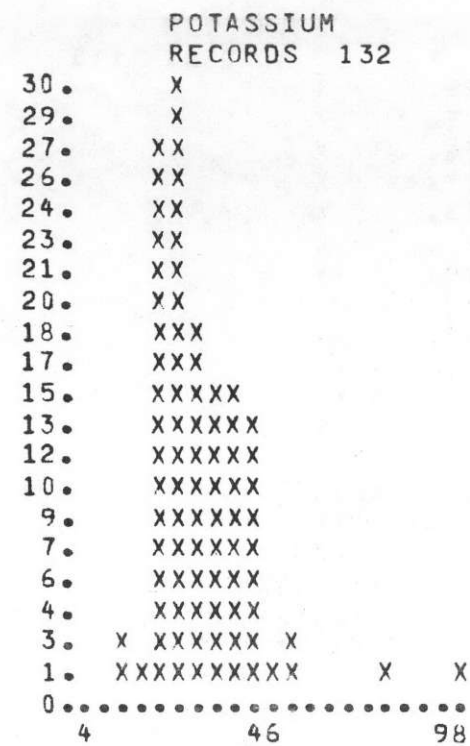


MEAN 2. SIGMA 1.5

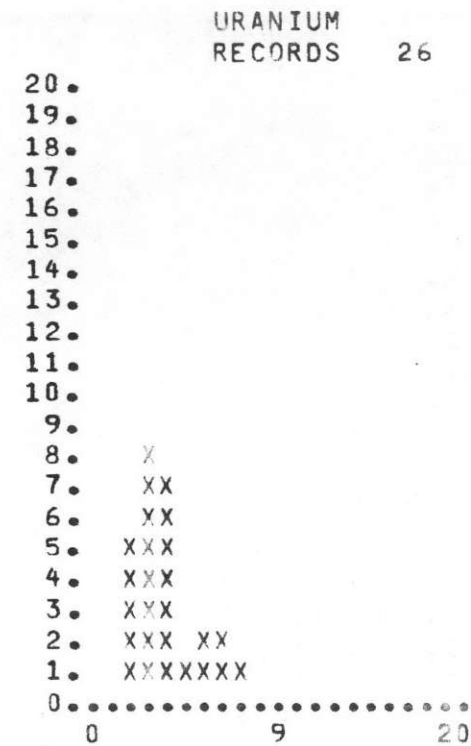
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT MZG



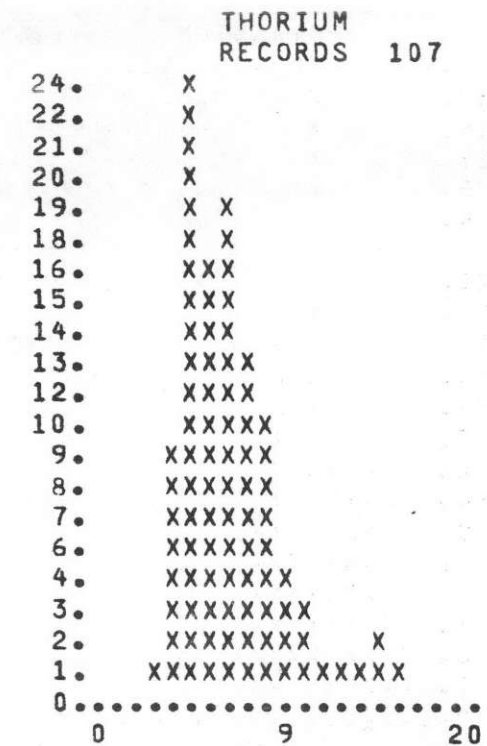
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT LJ



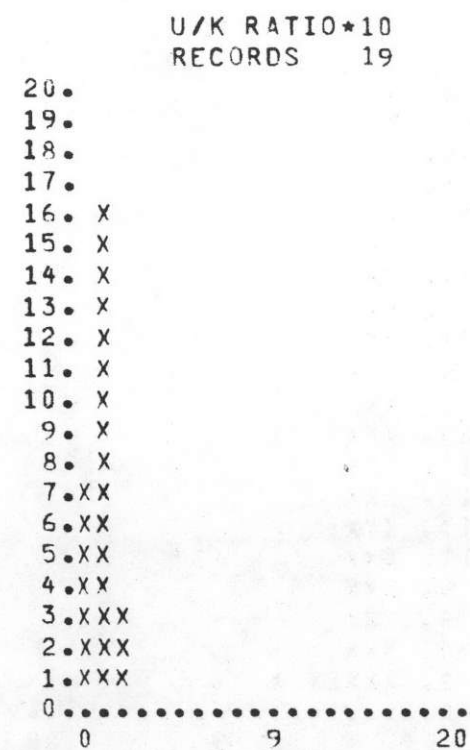
MEAN 32. SIGMA 11.7



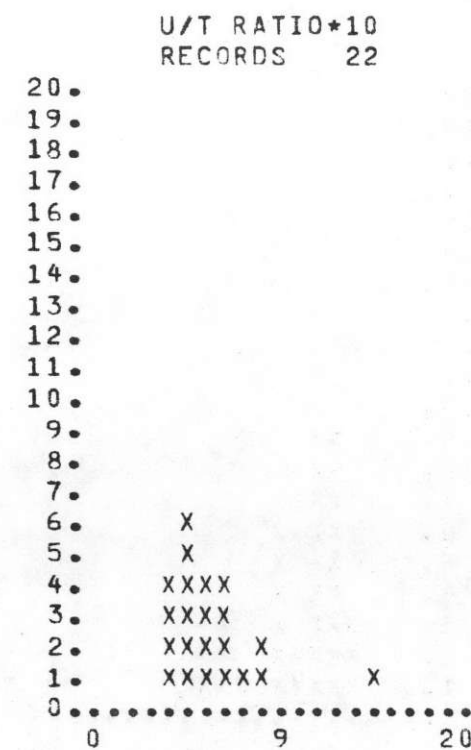
MEAN 4. SIGMA 1.7



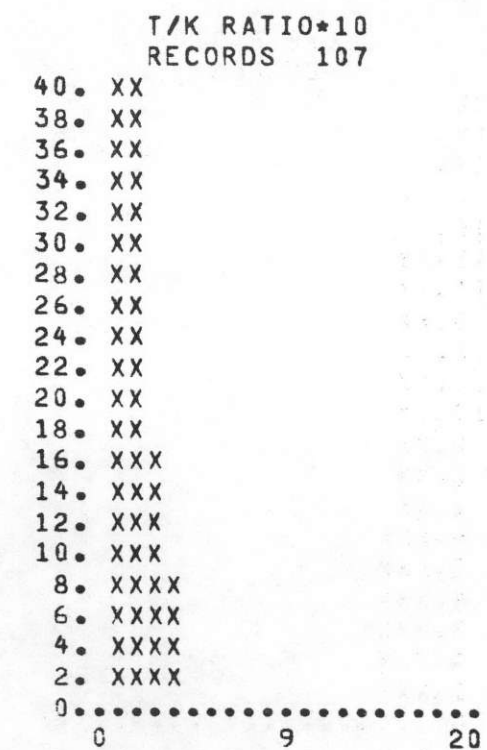
MEAN 7. SIGMA 2.5



MEAN 1. SIGMA .4

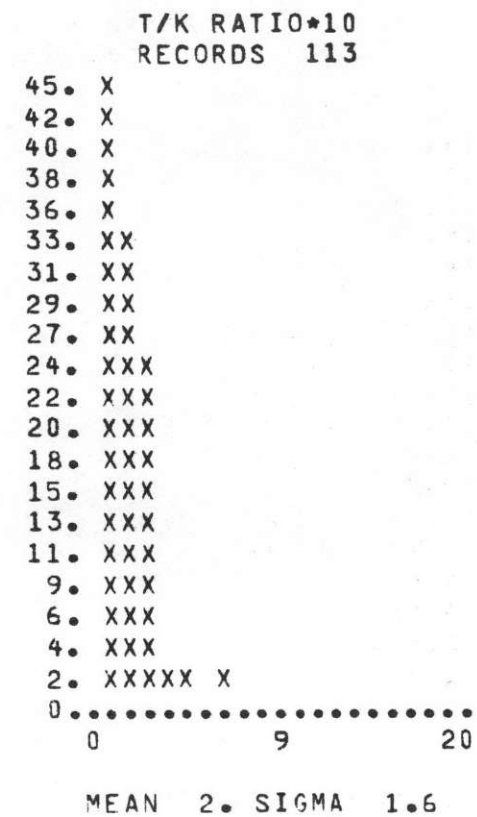
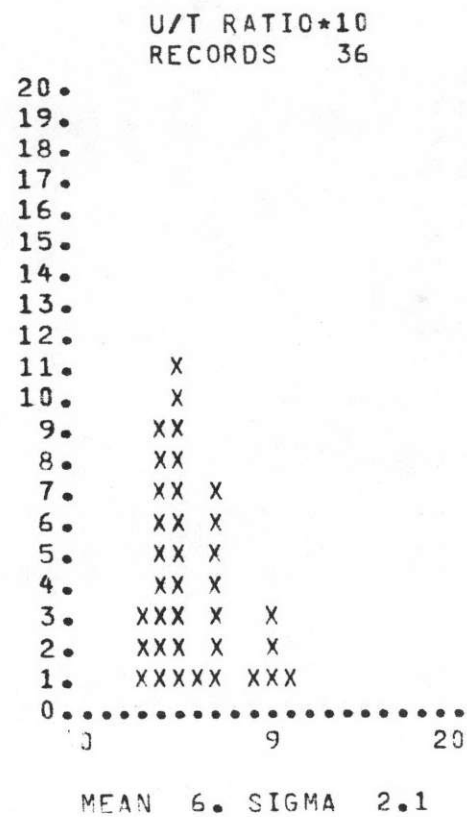
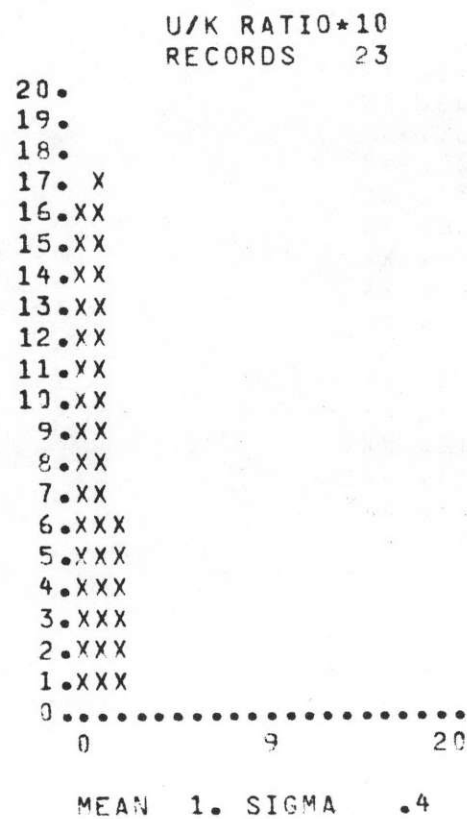
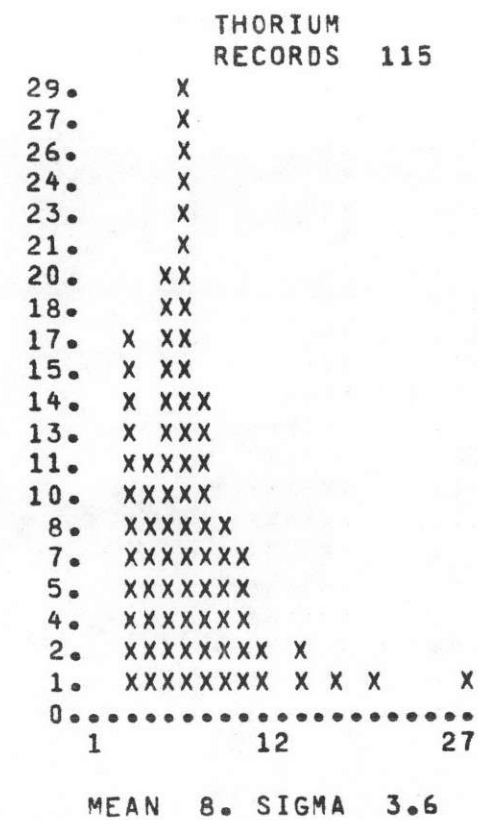
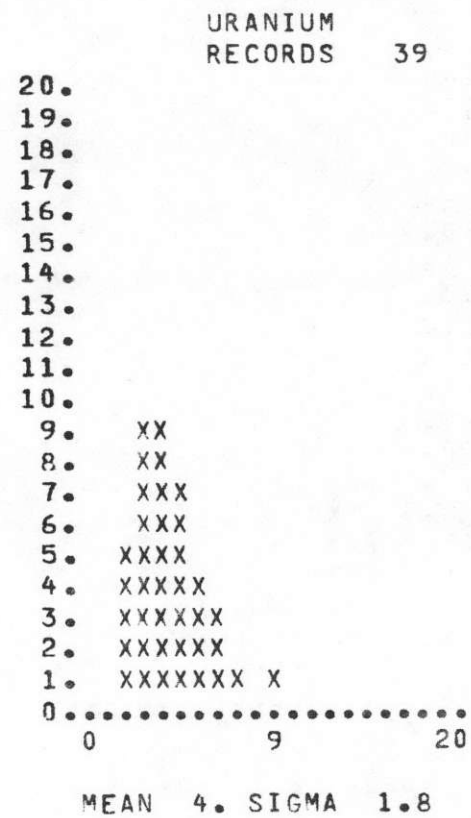
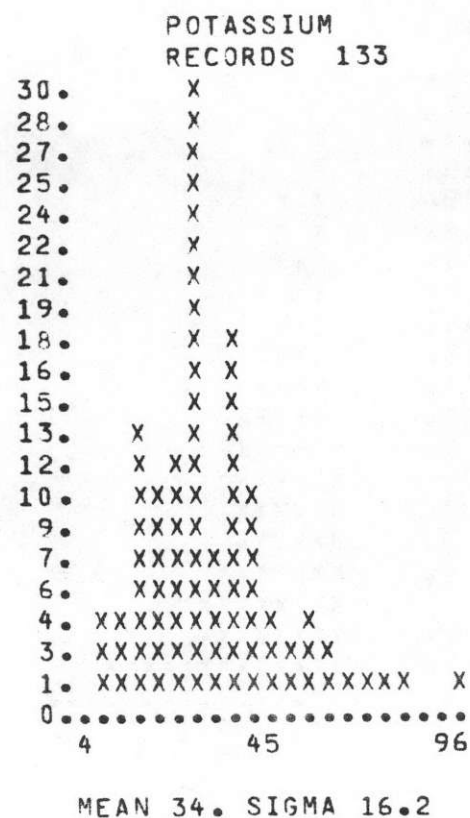


MEAN 6. SIGMA 2.5

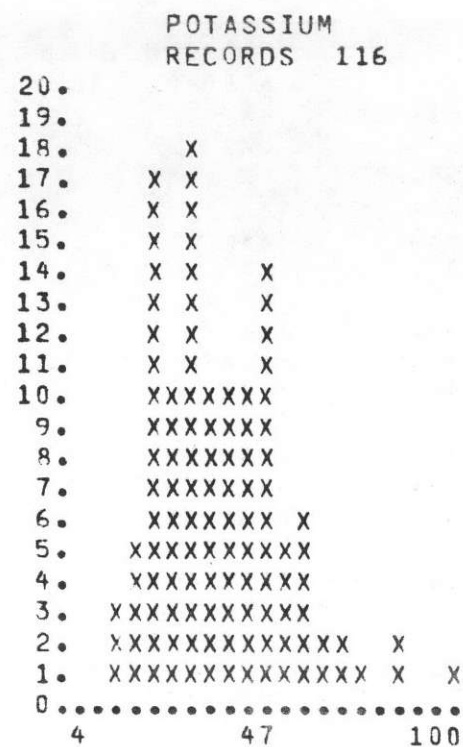


MEAN 2. SIGMA .9

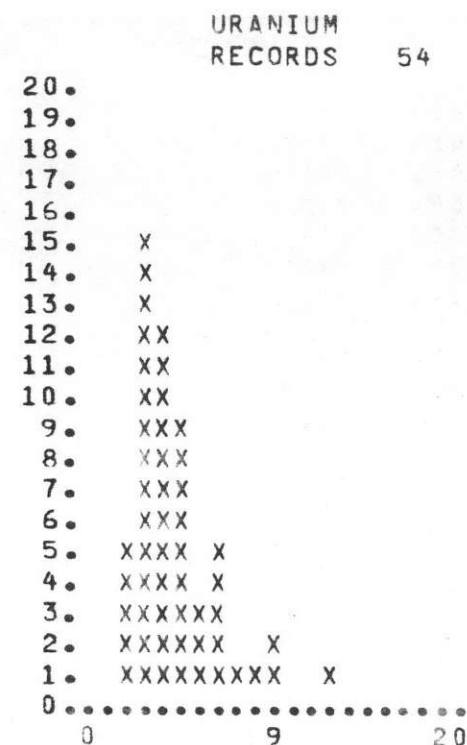
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT MJ



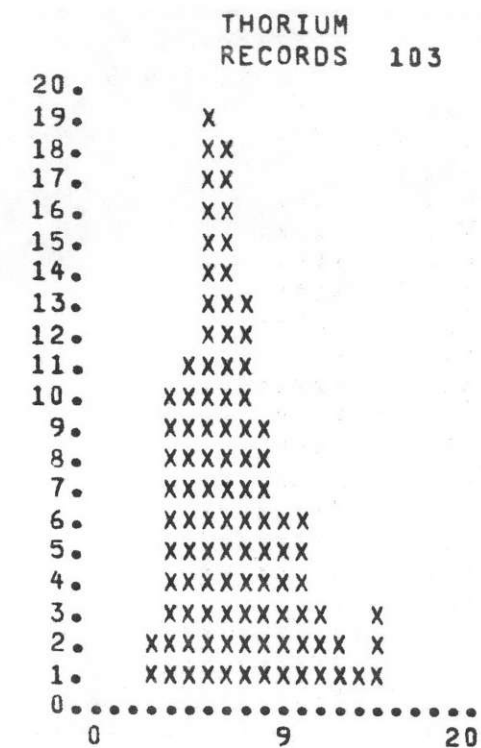
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT UJ



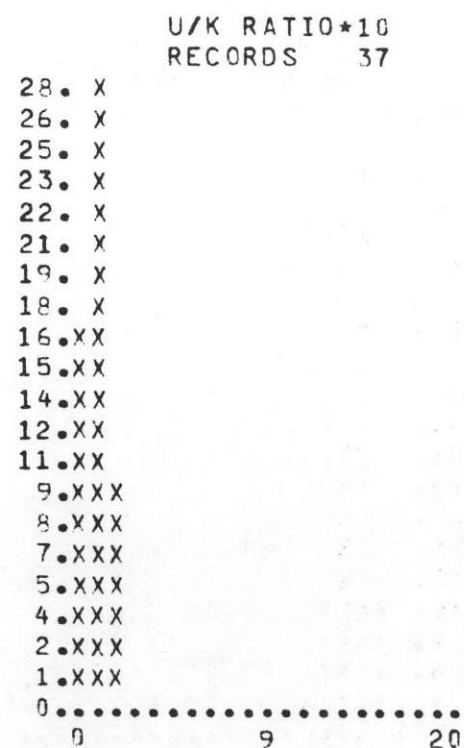
MEAN 39. SIGMA 16.7



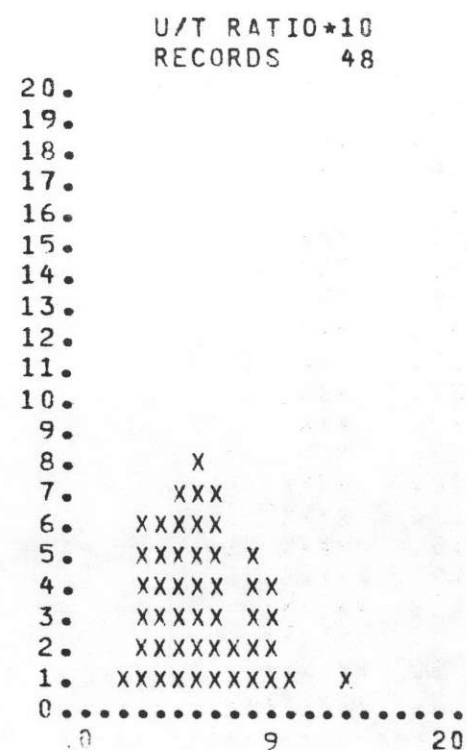
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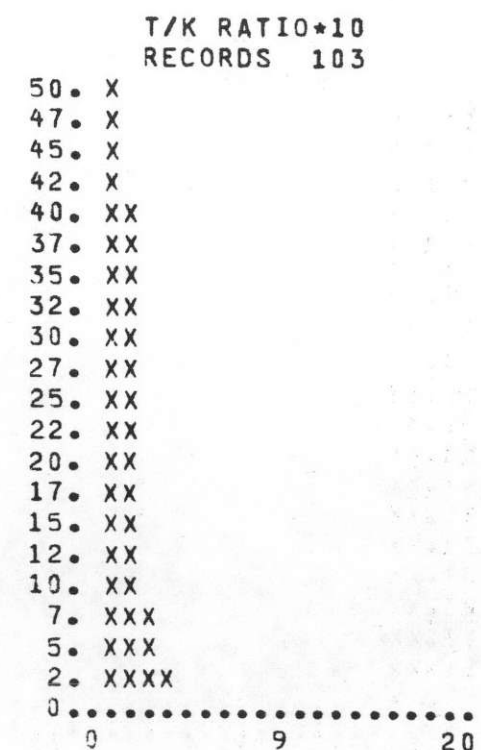
MEAN 8. SIGMA 2.7



MEAN 1. SIGMA .4

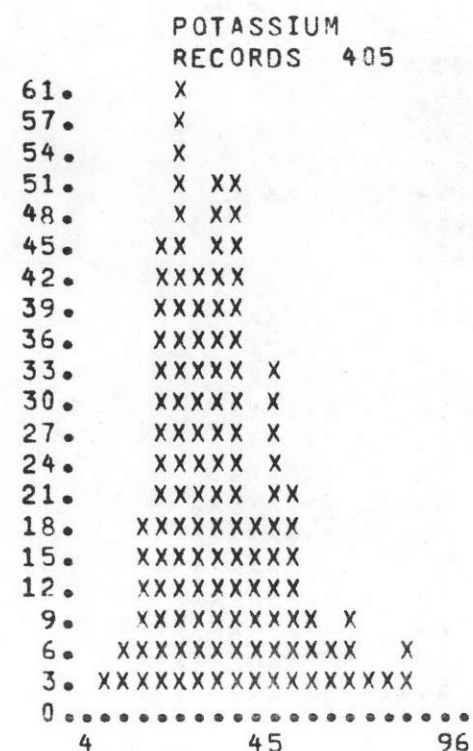


MEAN 6. SIGMA 2.6

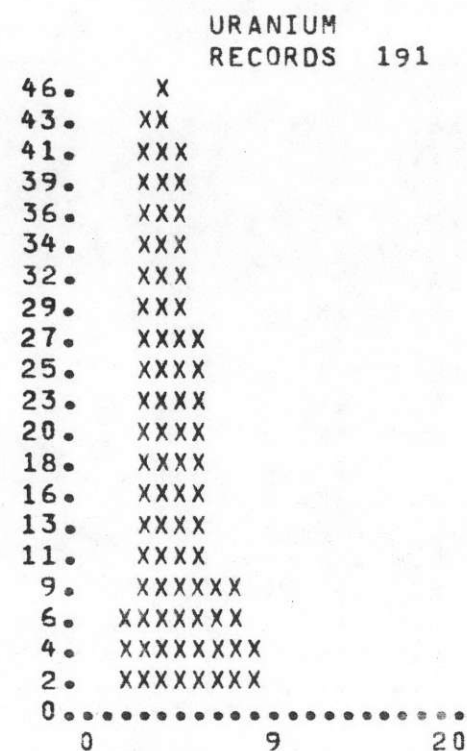


MEAN 2. SIGMA 1.0

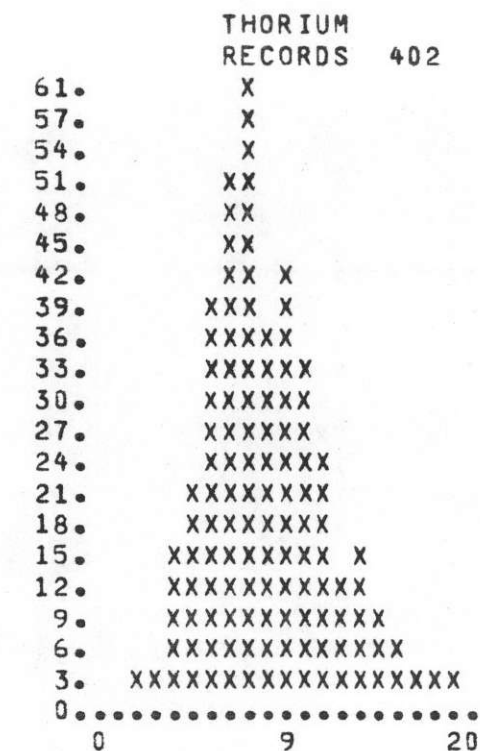
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT UM22



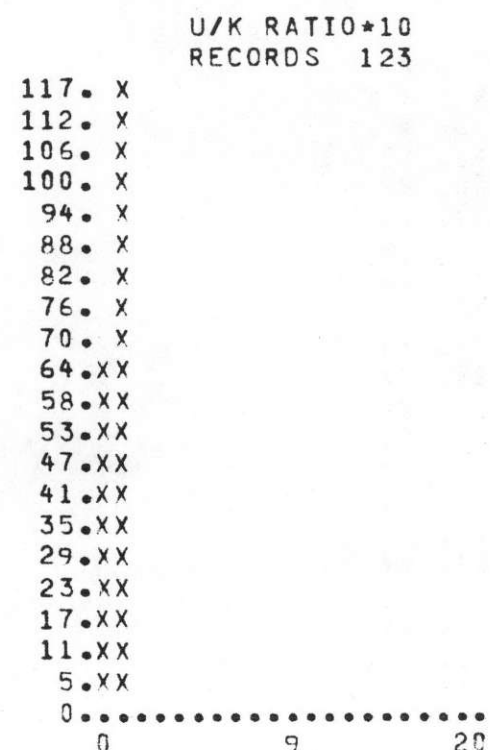
MEAN 37. SIGMA 16.6



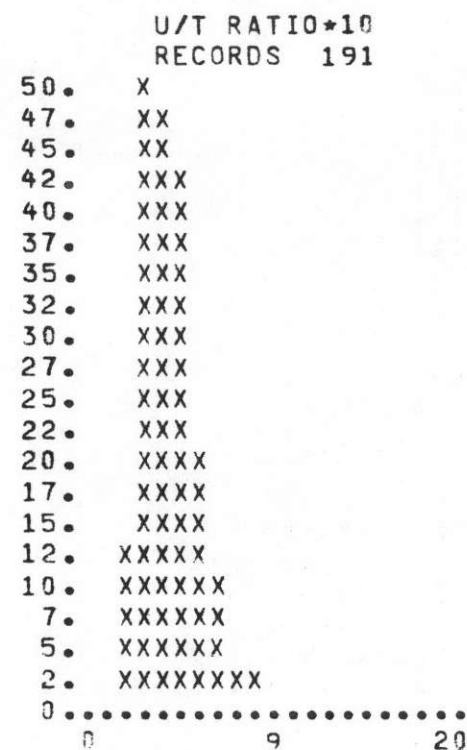
MEAN 5. SIGMA 1.7



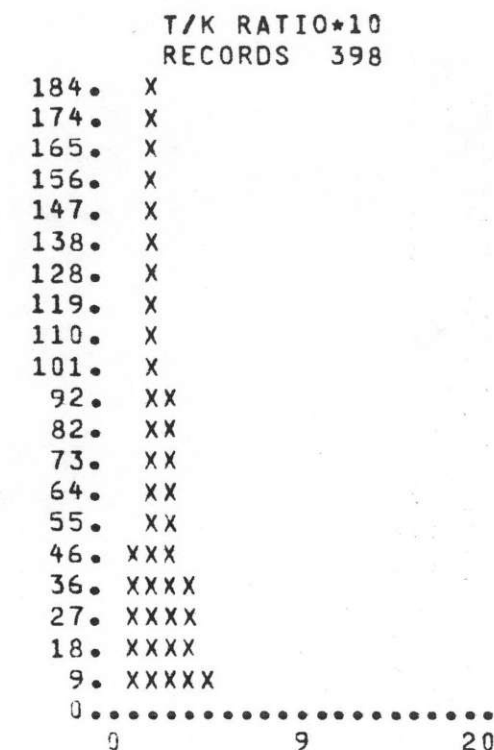
MEAN 10. SIGMA 3.4



MEAN 1. SIGMA .3

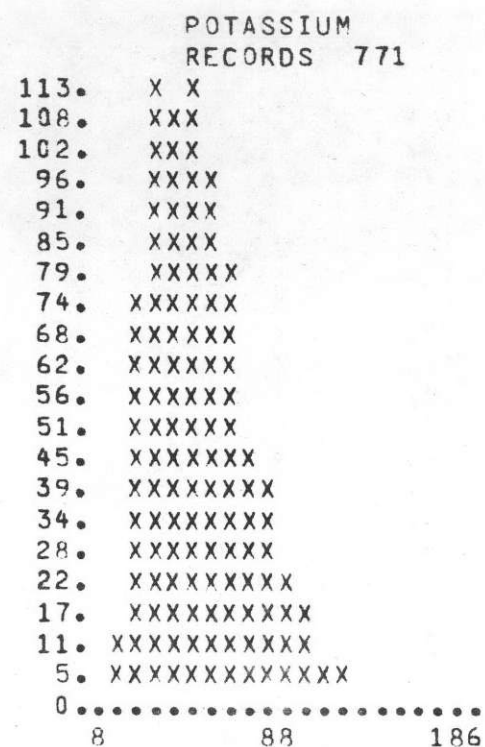


MEAN 4. SIGMA 1.6

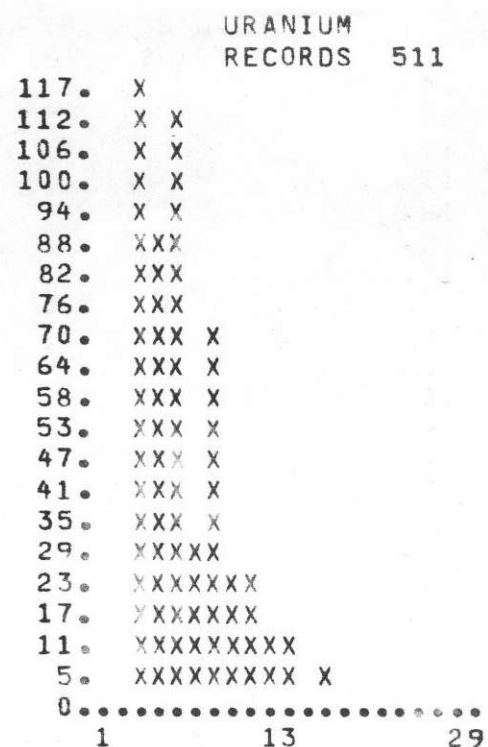


MEAN 3. SIGMA 1.4

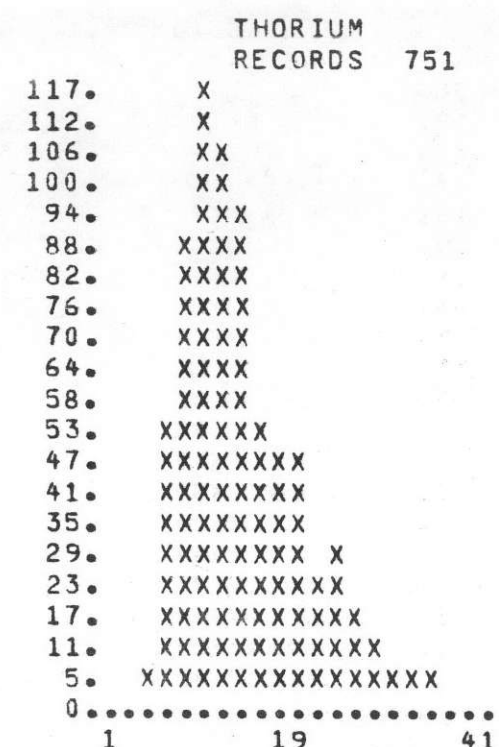
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT UM71



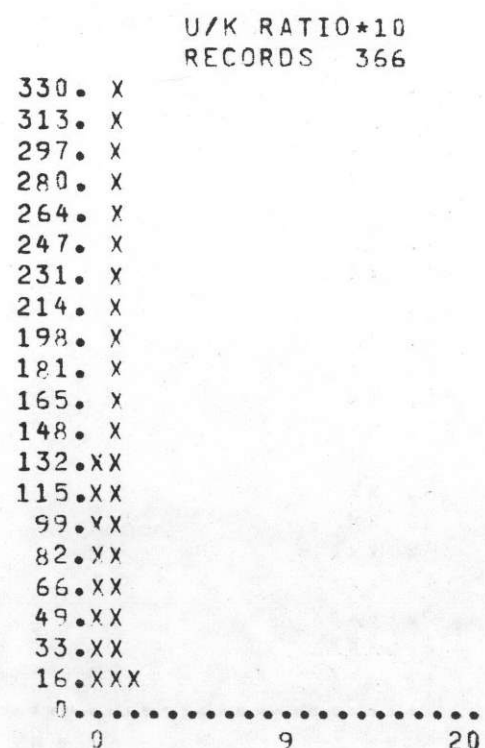
MEAN 53. SIGMA 25.8



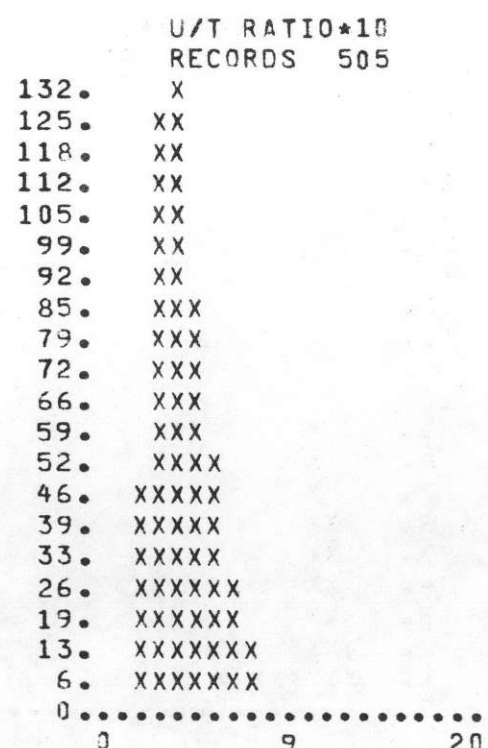
MEAN 7. SIGMA 3.8



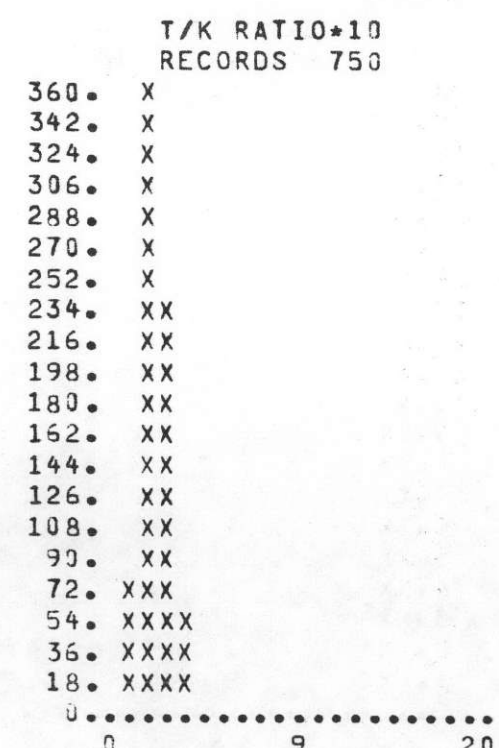
MEAN 15. SIGMA 6.5



MEAN 1. SIGMA .5

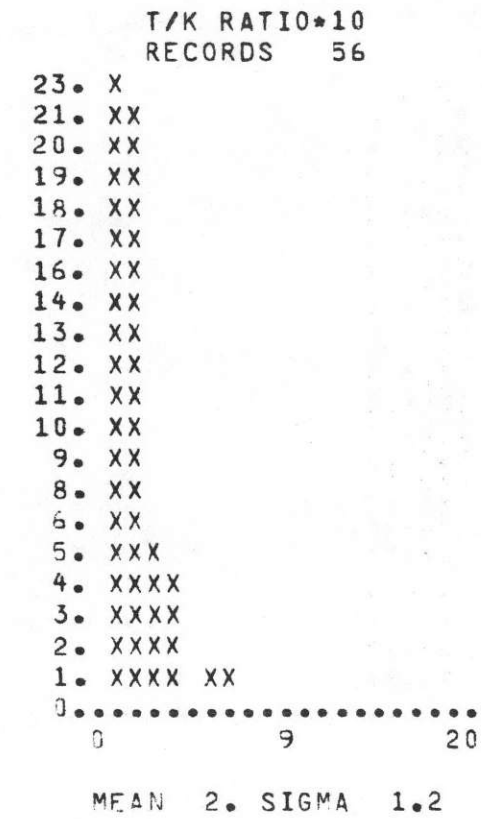
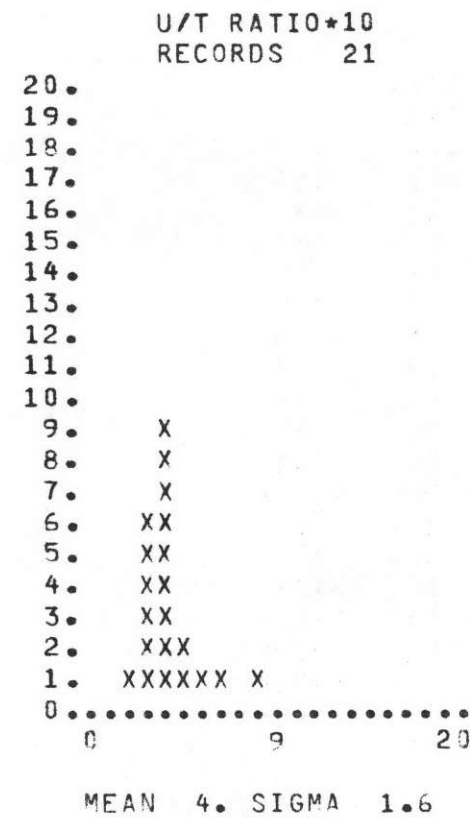
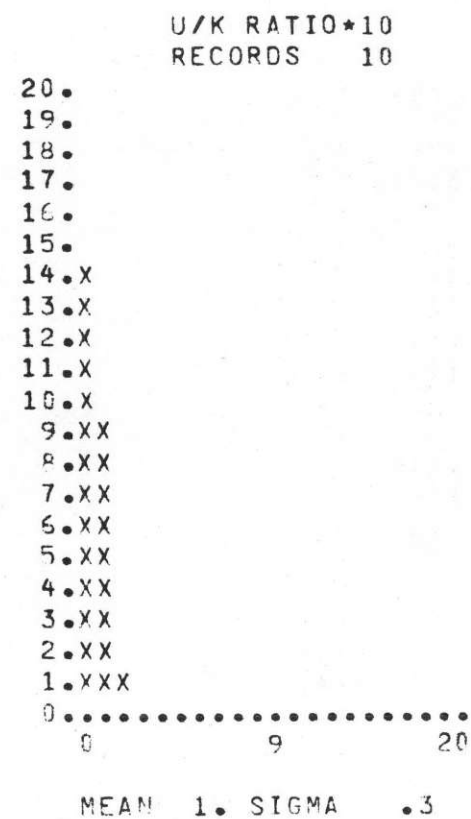
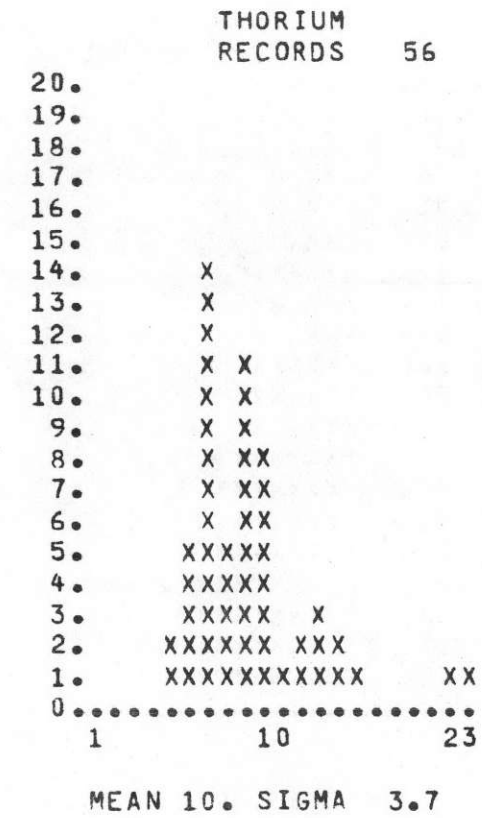
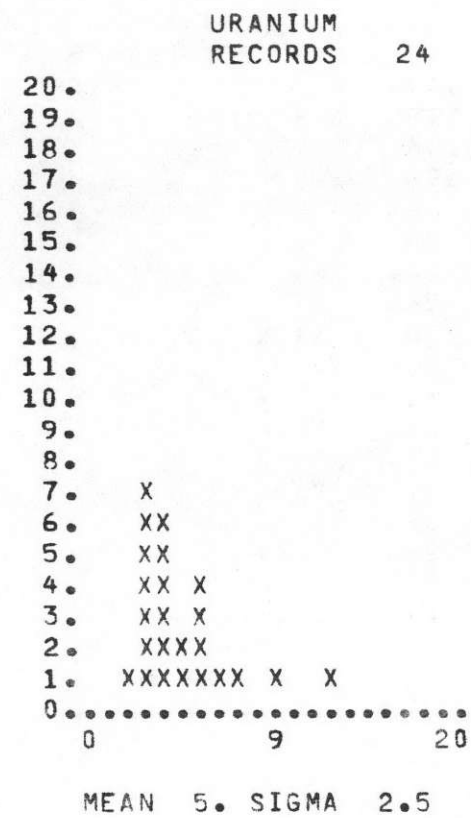
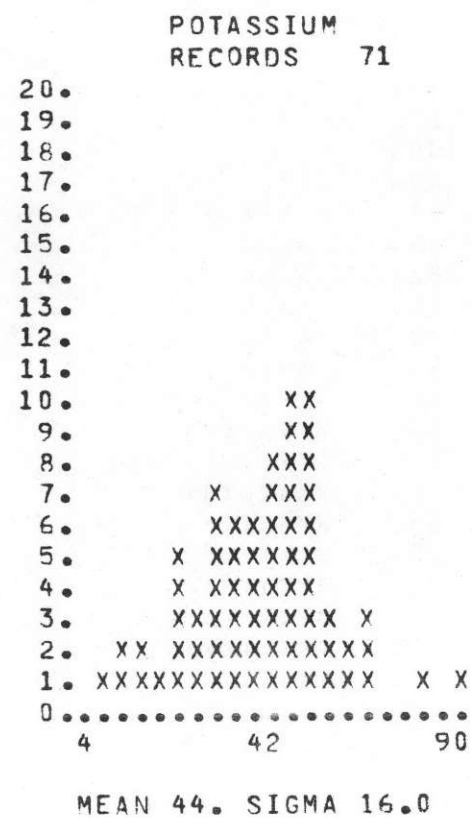


MEAN 4. SIGMA 1.6

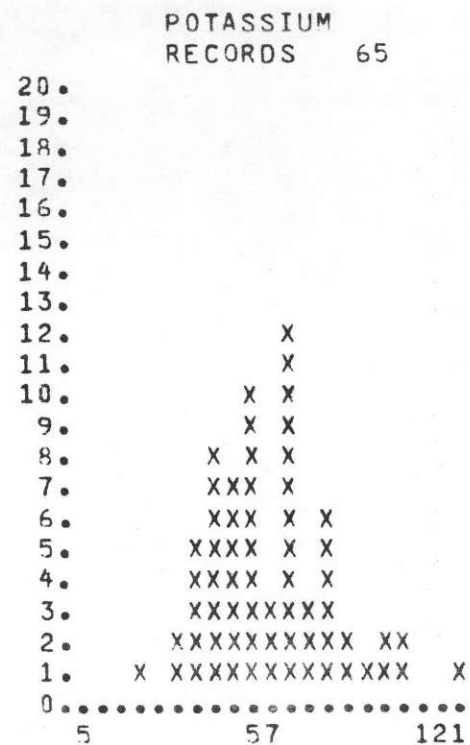


MEAN 2. SIGMA 1.0

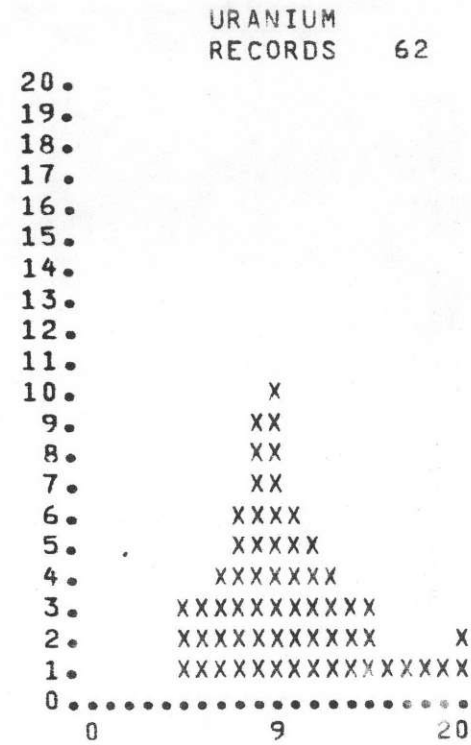
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT TKG



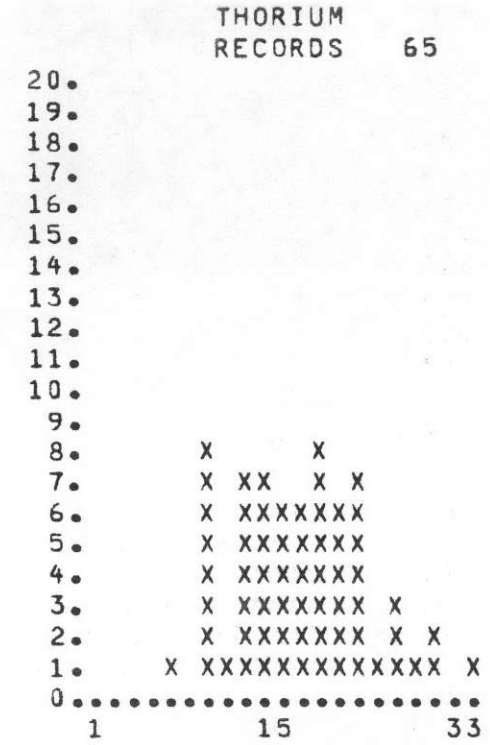
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT TG



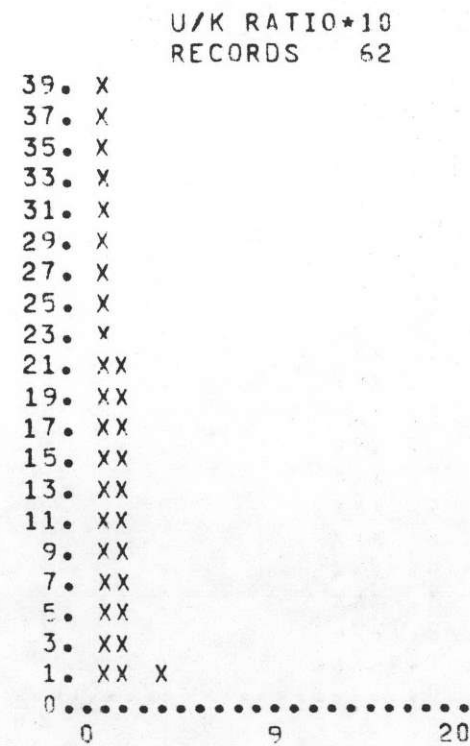
MEAN 61. SIGMA 19.2



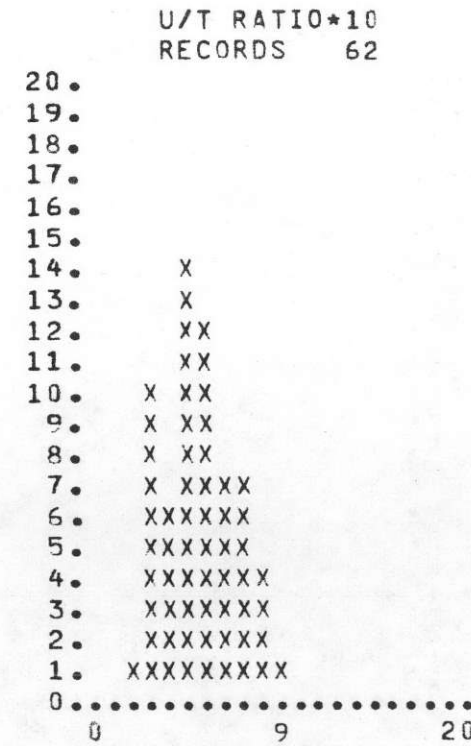
MEAN 11. SIGMA 3.6



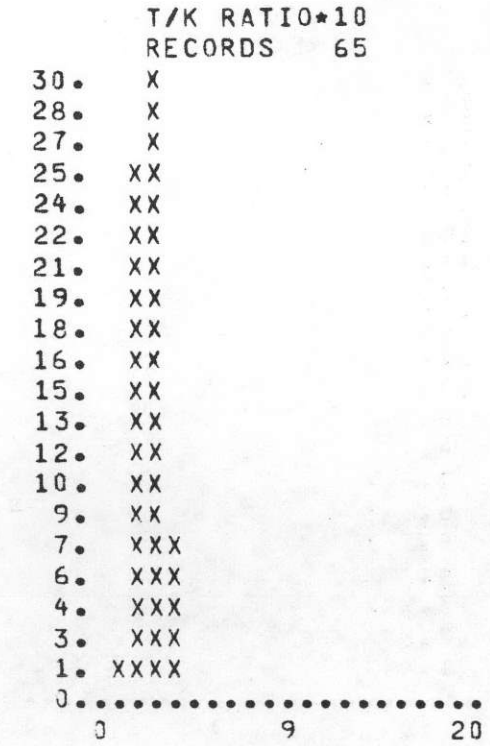
MEAN 19. SIGMA 5.6



MEAN 1. SIGMA .6

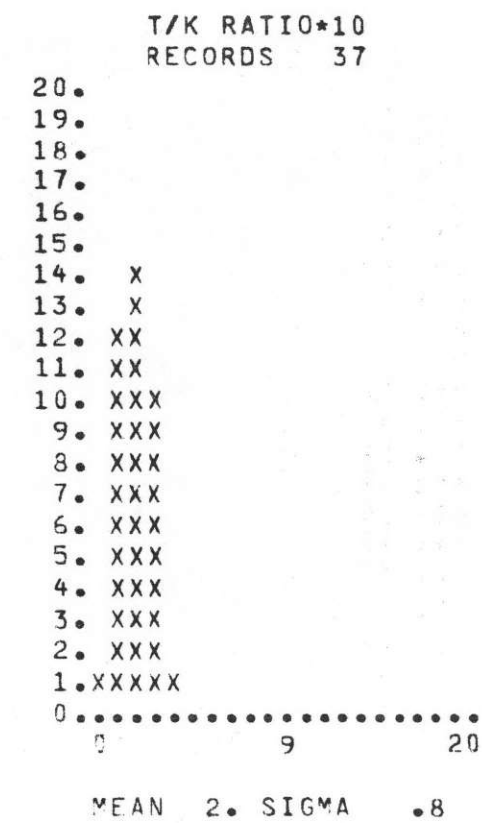
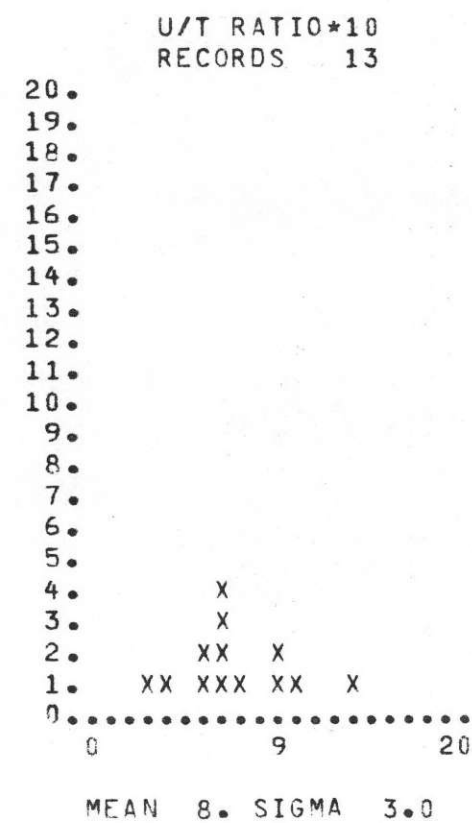
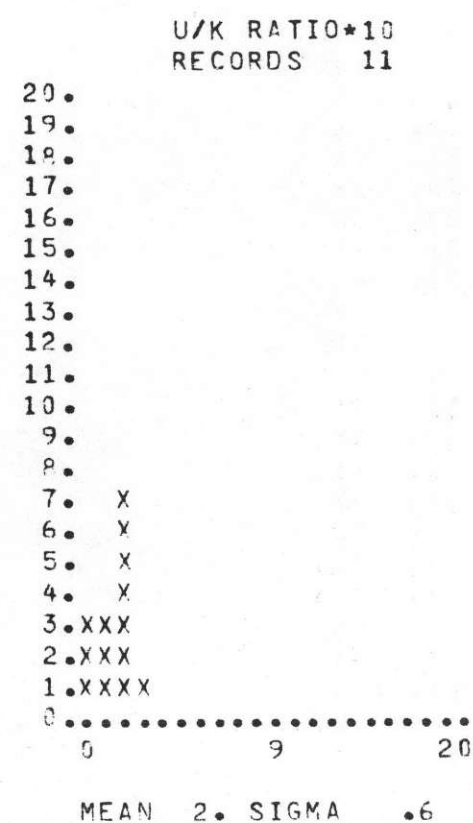
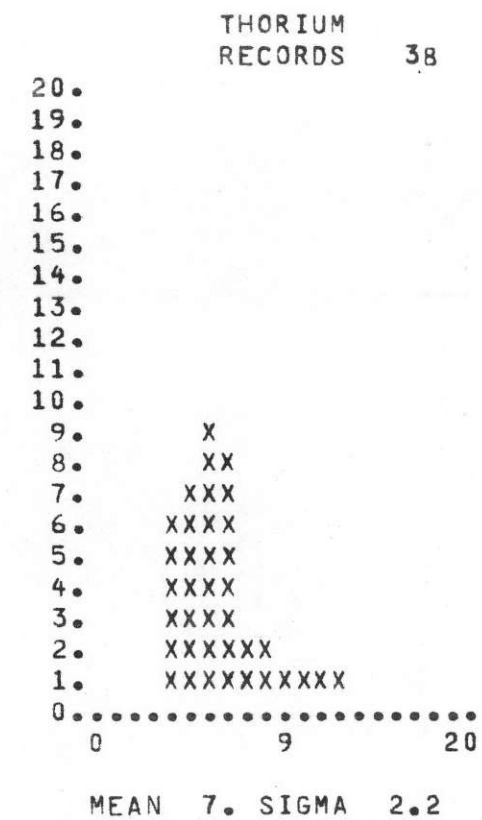
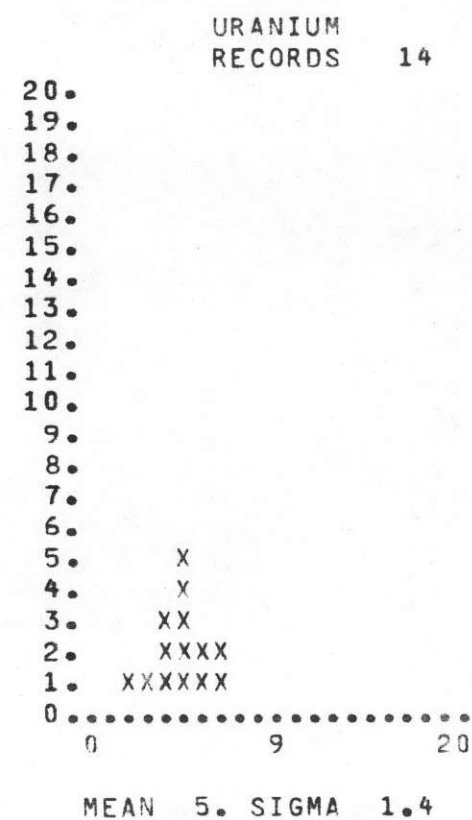
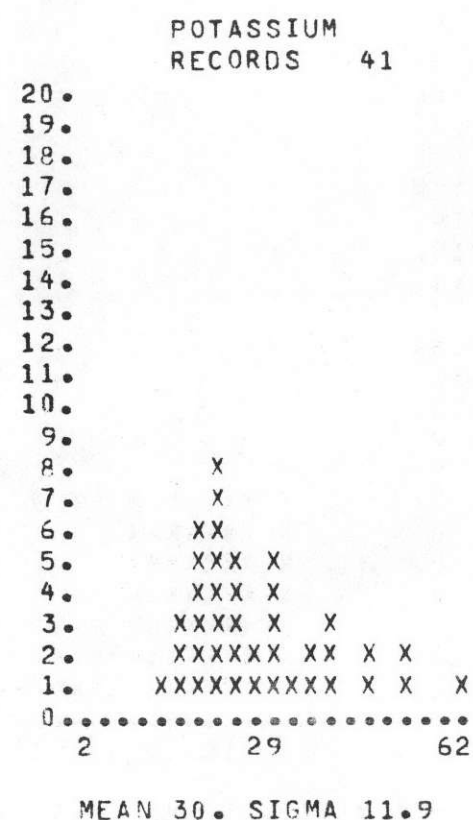


MEAN 6. SIGMA 1.9

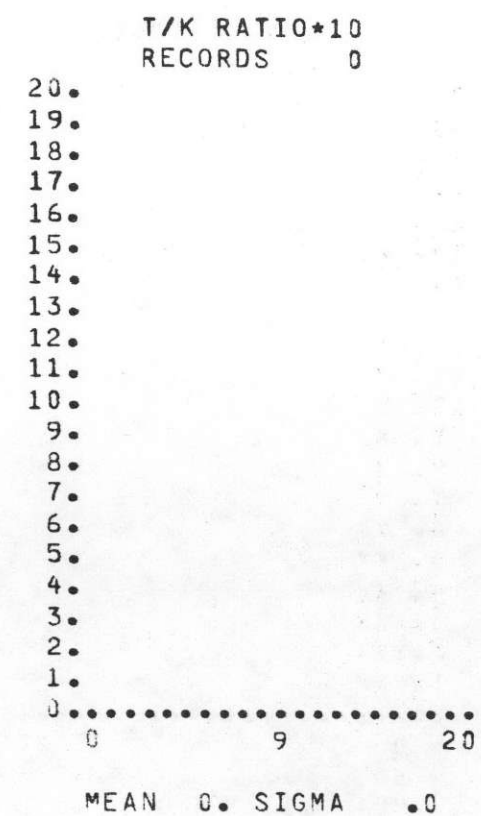
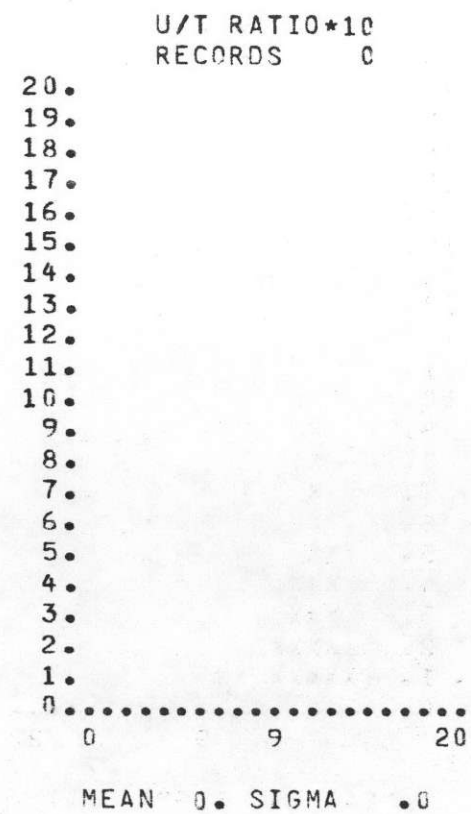
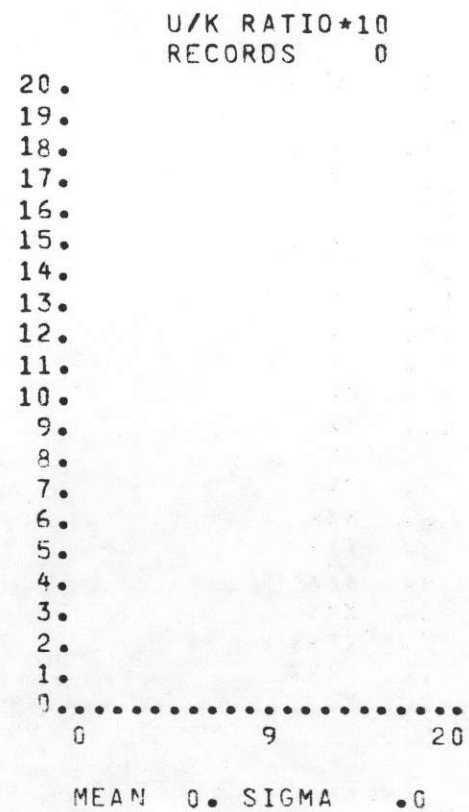
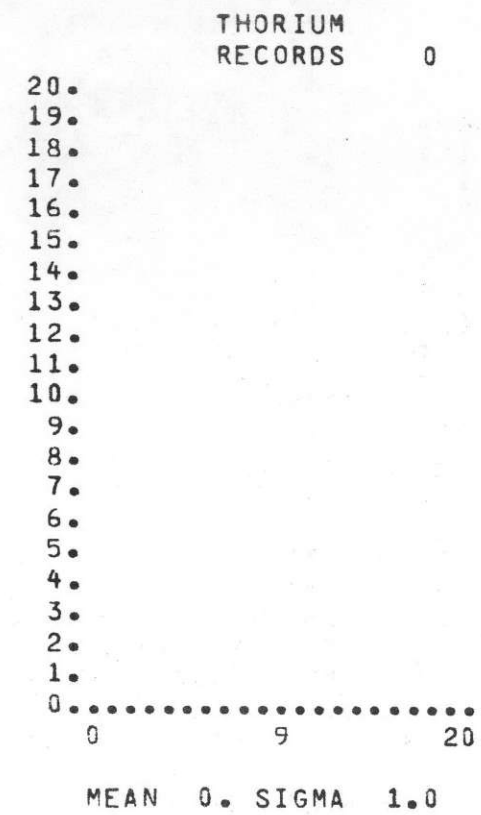
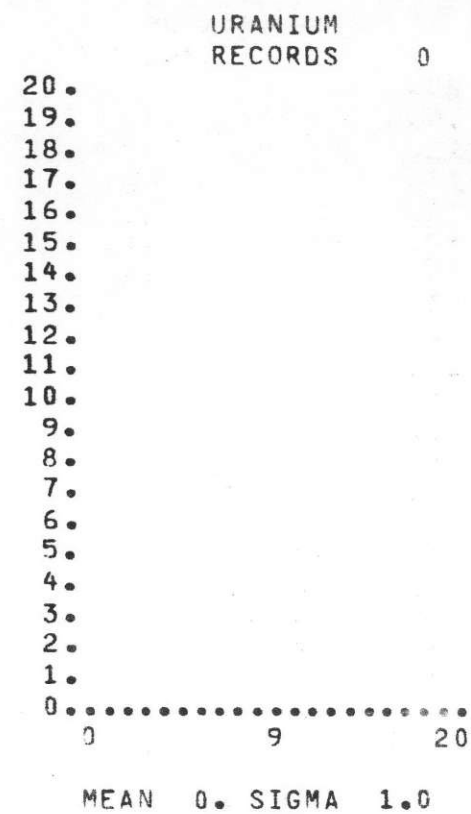
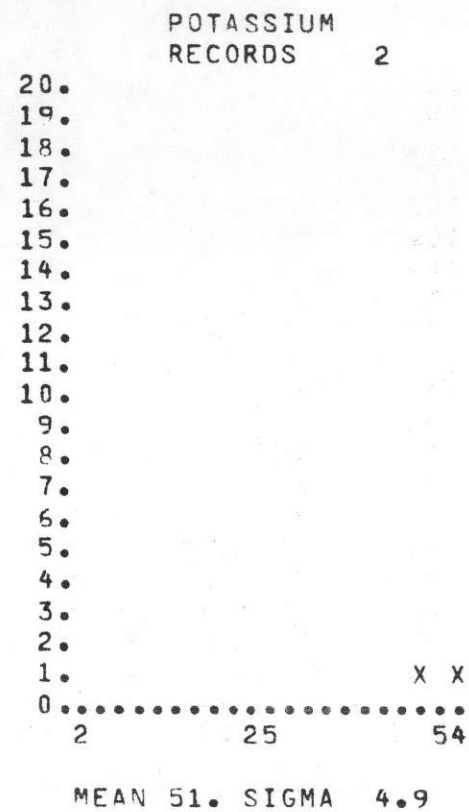


MEAN 3. SIGMA .7

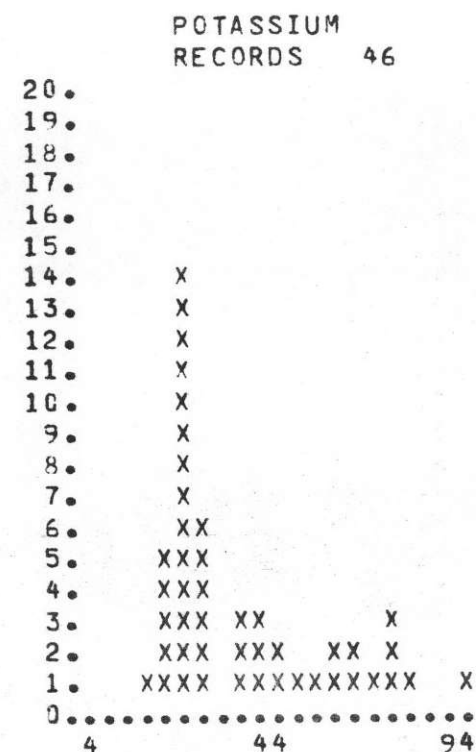
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-75-4104 1976-78
GEOLOGIC UNIT MTC



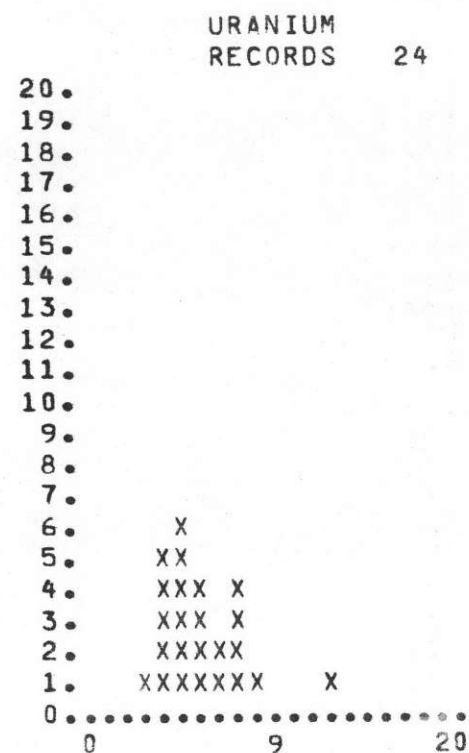
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT LTC



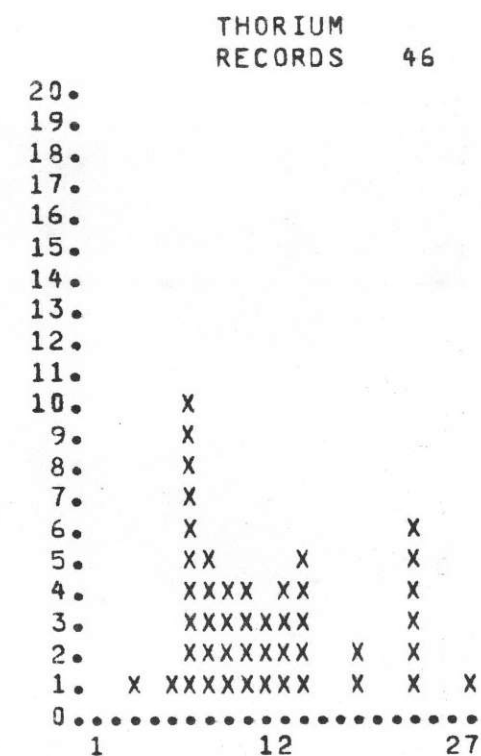
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT UTC



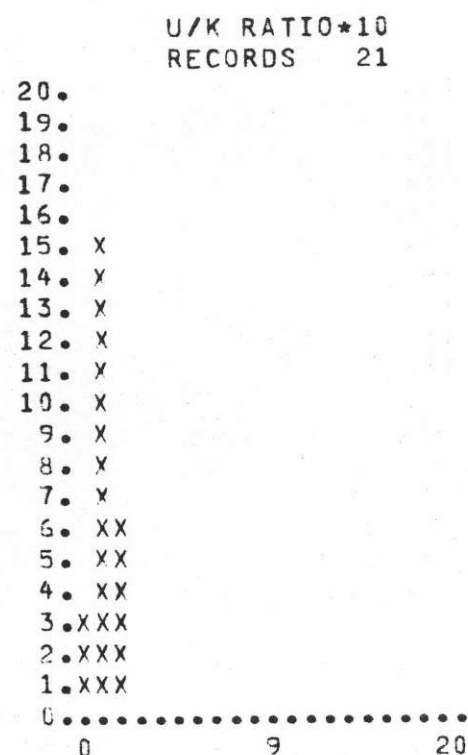
MEAN 40. SIGMA 20.4



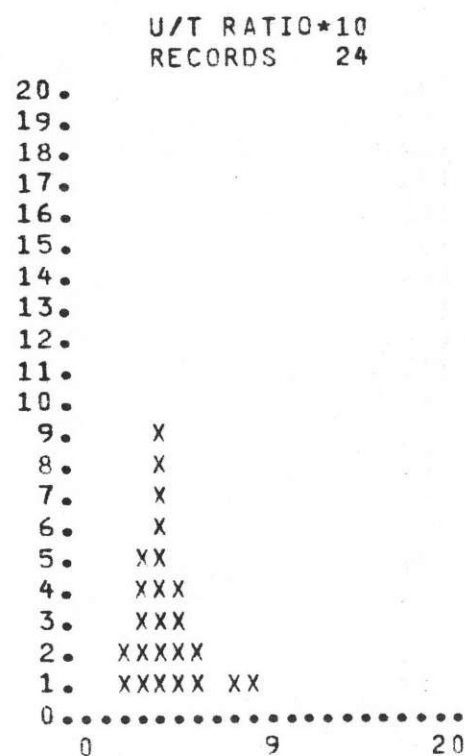
MEAN 6. SIGMA 2.2



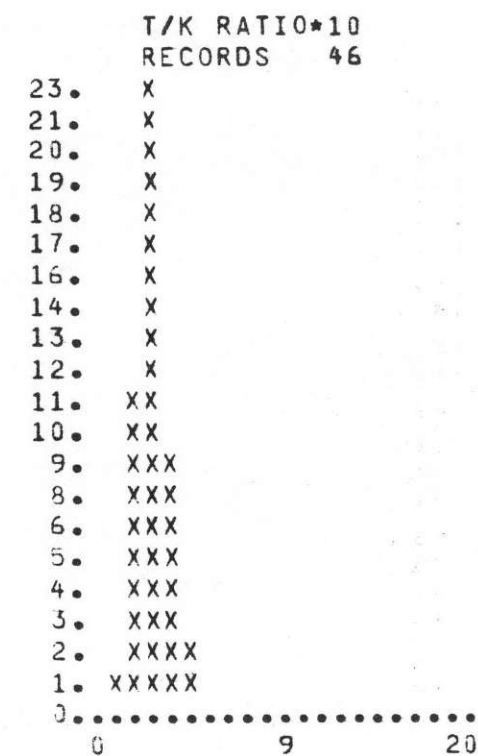
MEAN 13. SIGMA 5.8



MEAN 1. SIGMA .5

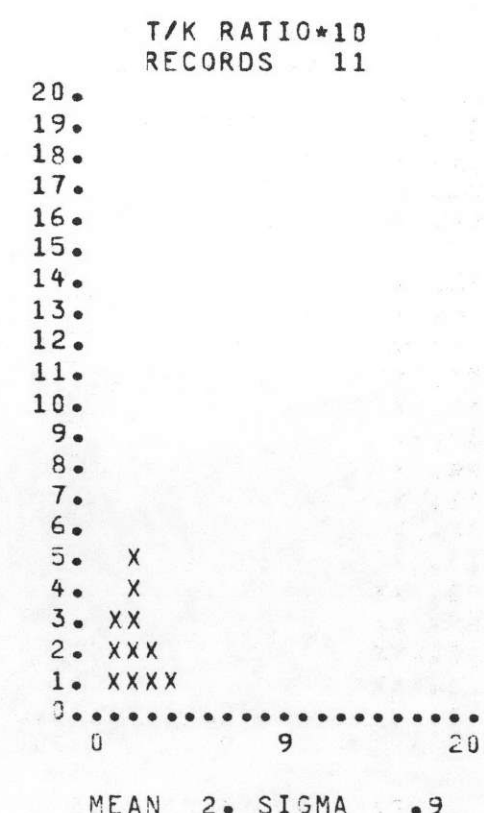
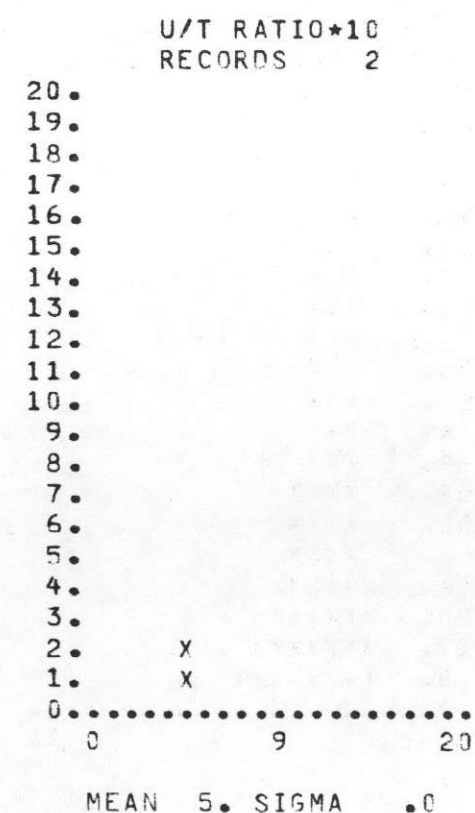
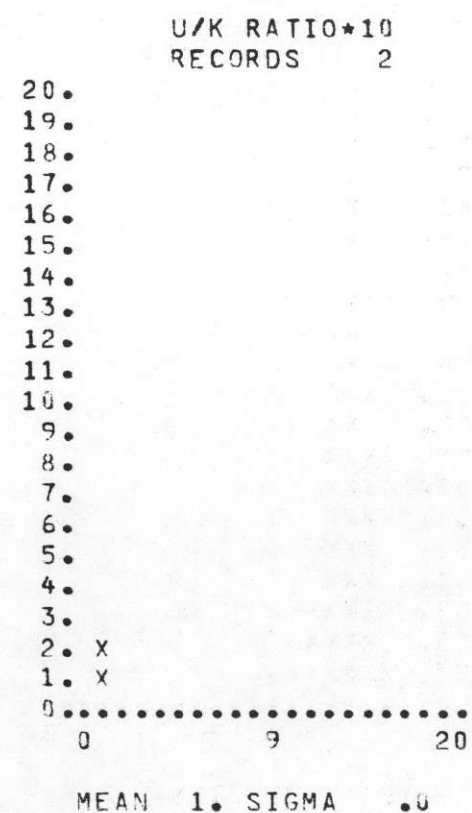
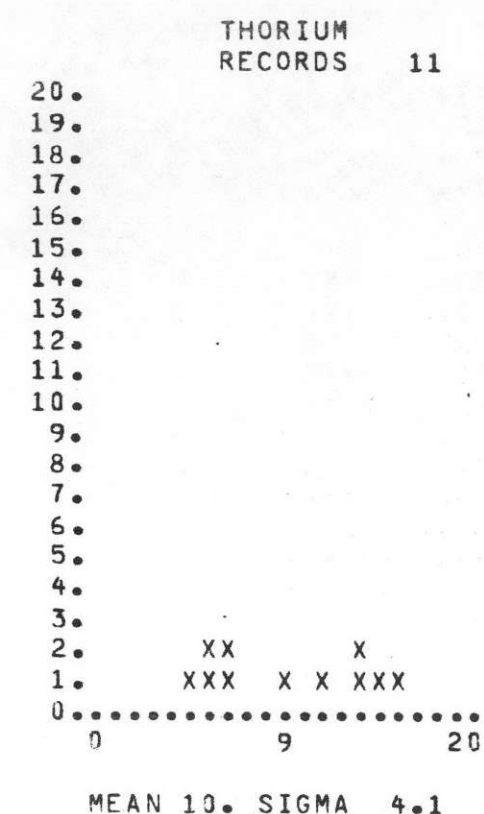
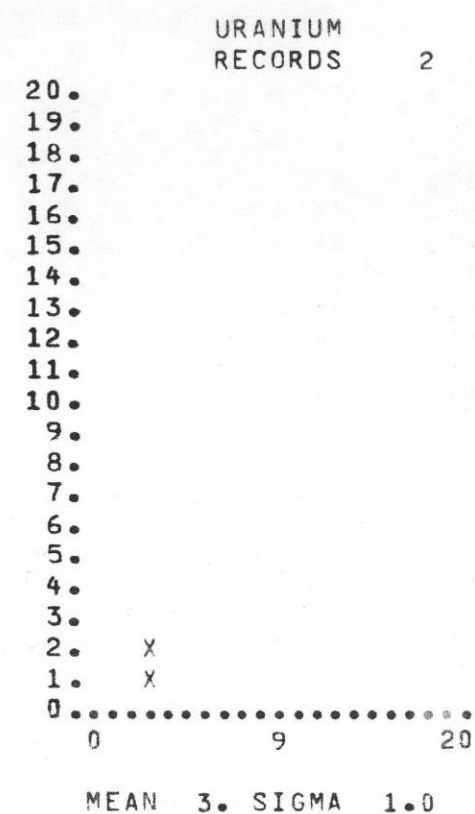
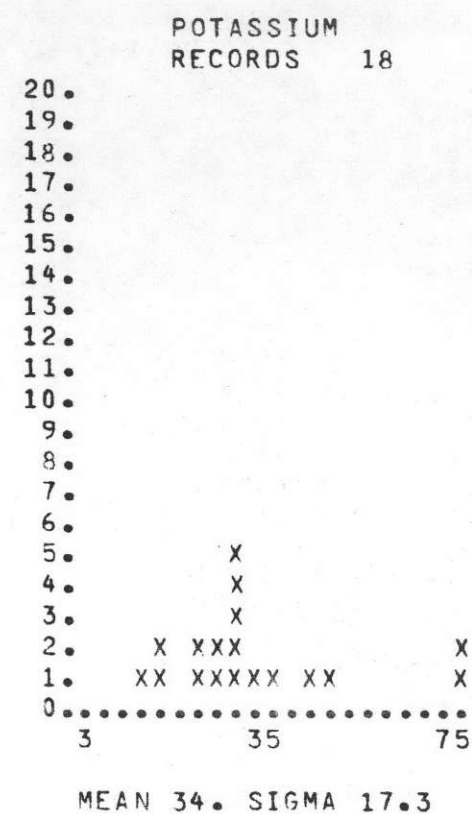


MEAN 4. SIGMA 1.7

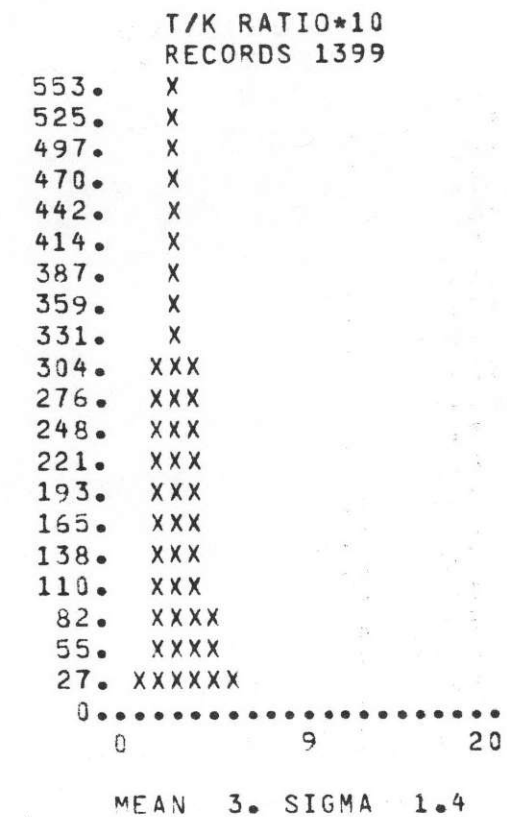
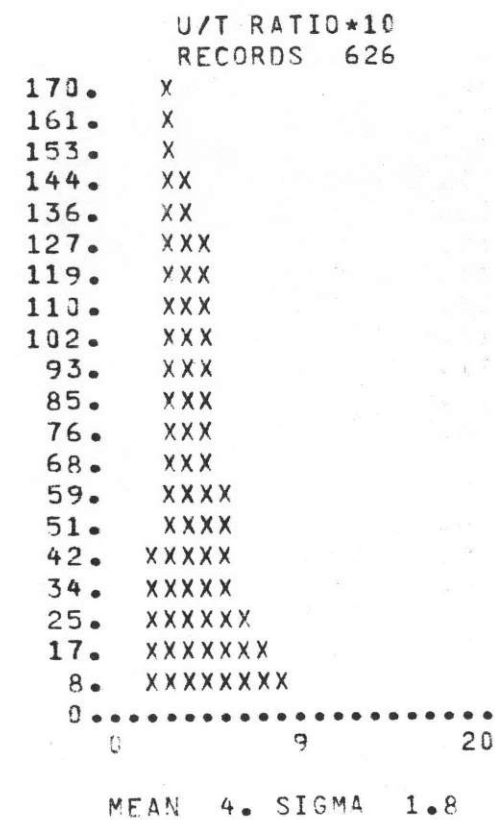
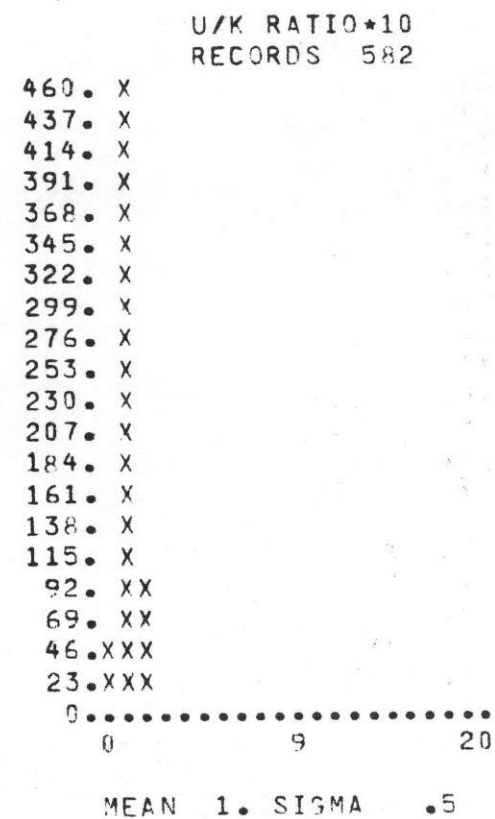
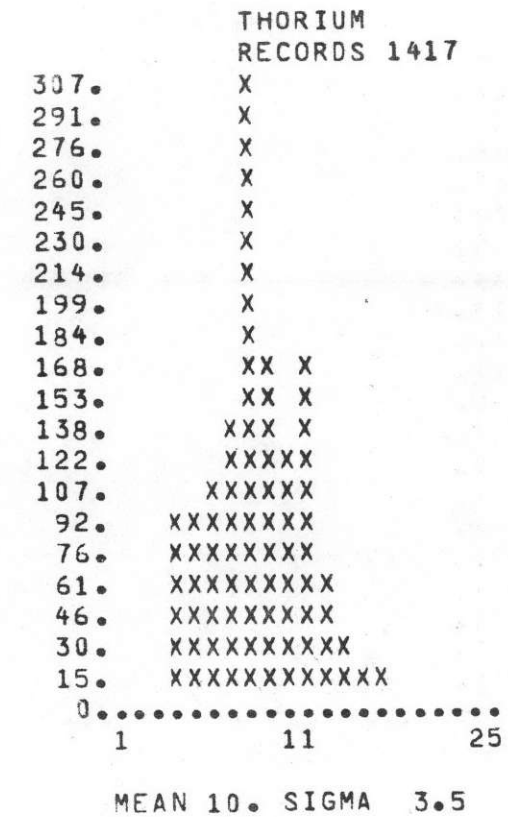
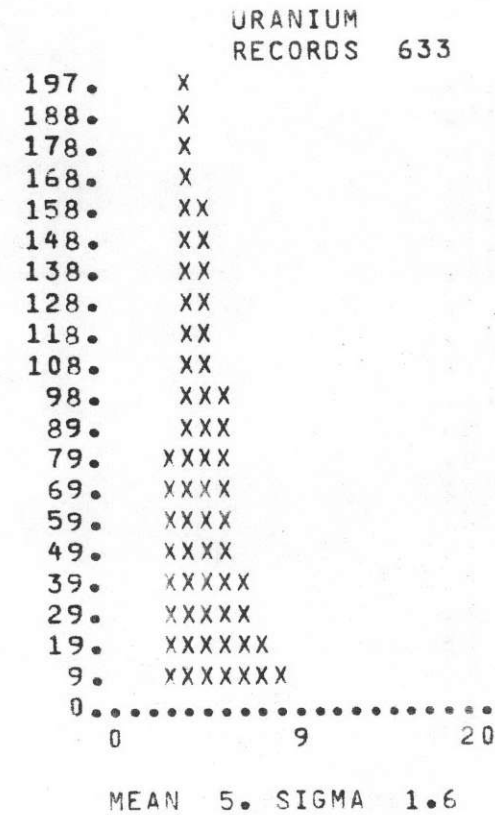
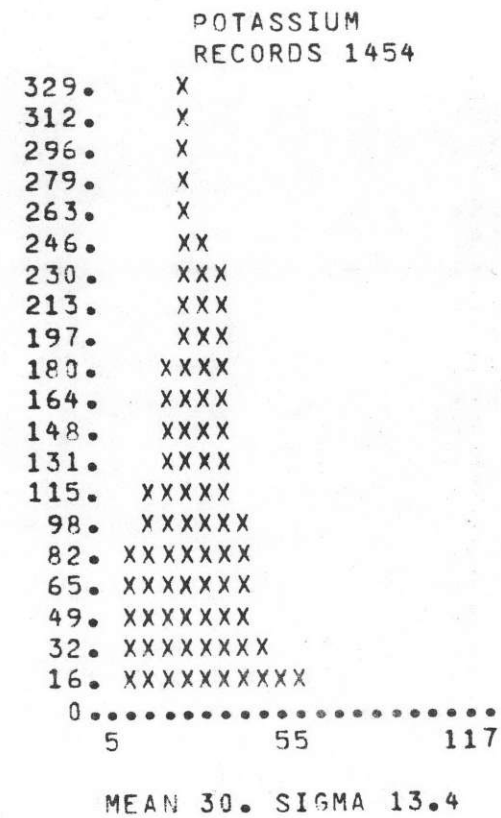


MEAN 3. SIGMA .8

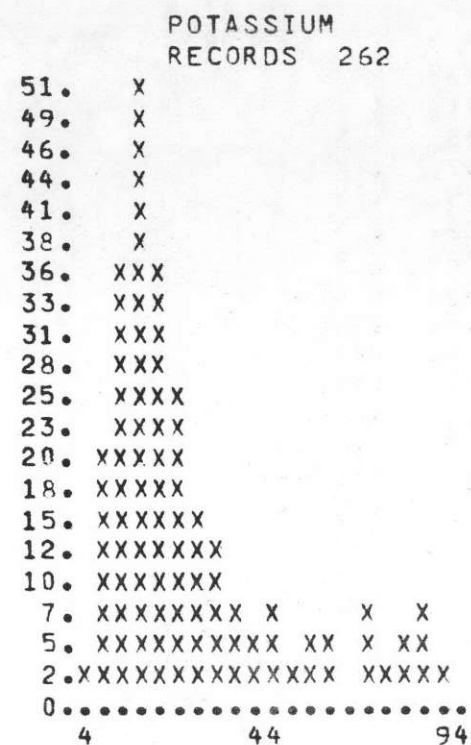
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76 4104 1976-78
GEOLOGIC UNIT CV



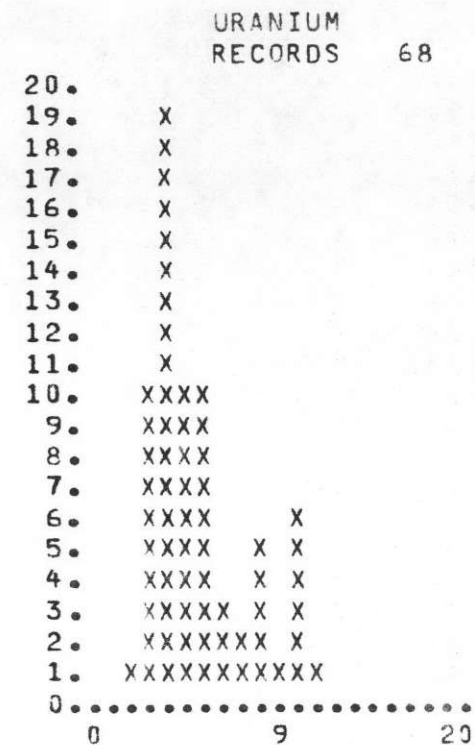
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-16-4104 1976-78
GEOLOGIC UNIT 0P



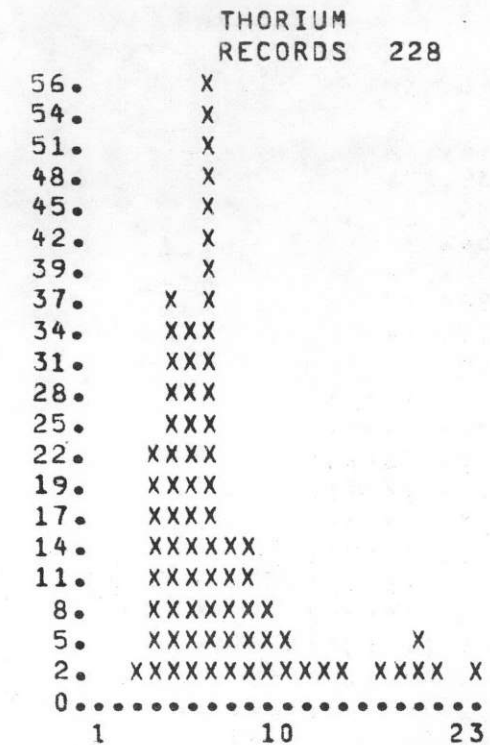
KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT QH



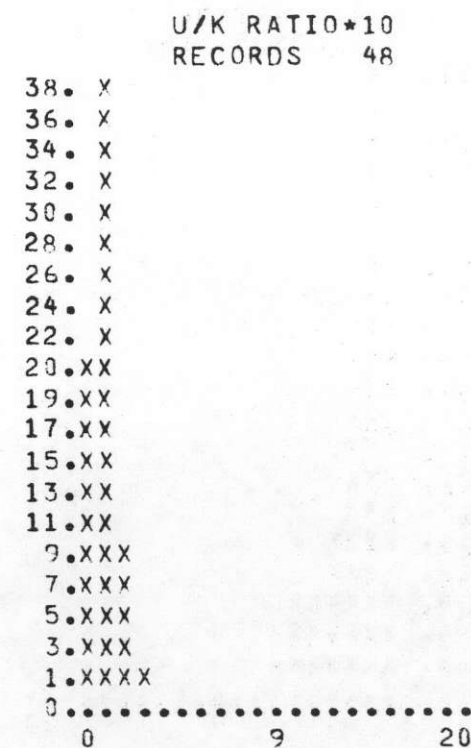
MEAN 29. SIGMA 21.5



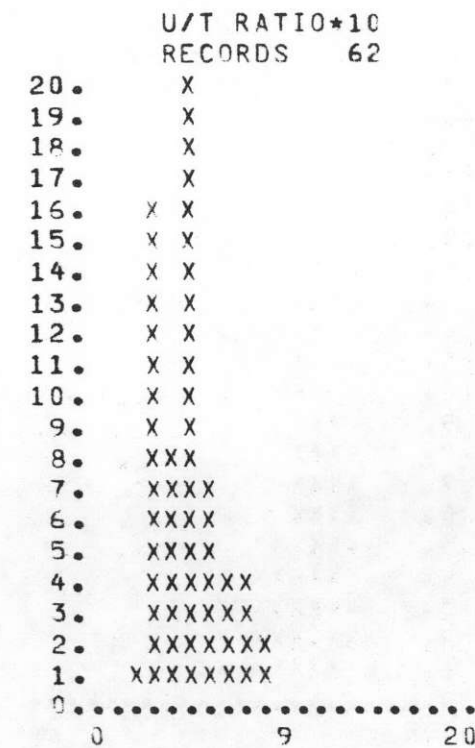
MEAN 6. SIGMA 2.6



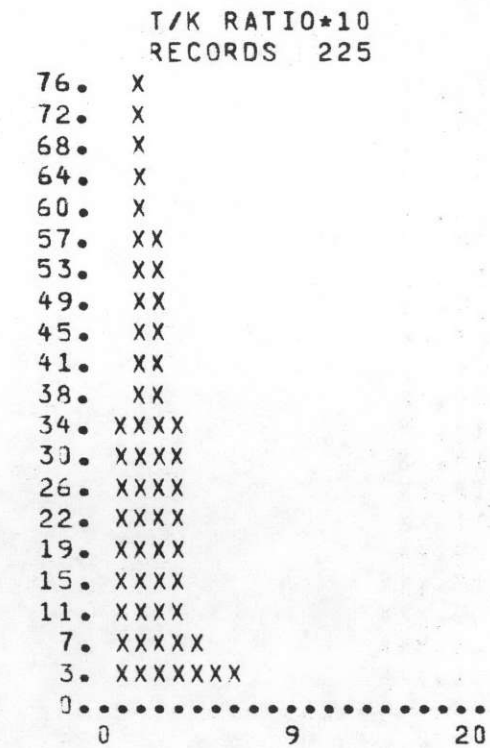
MEAN 8. SIGMA 4.4



MEAN 1. SIGMA .5

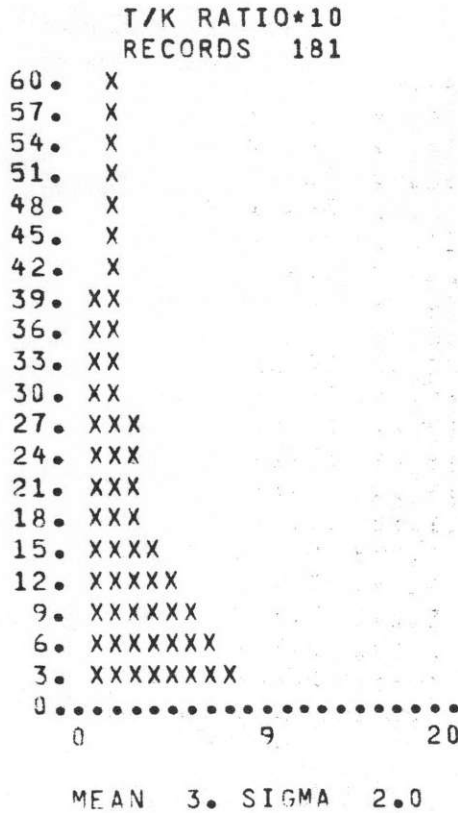
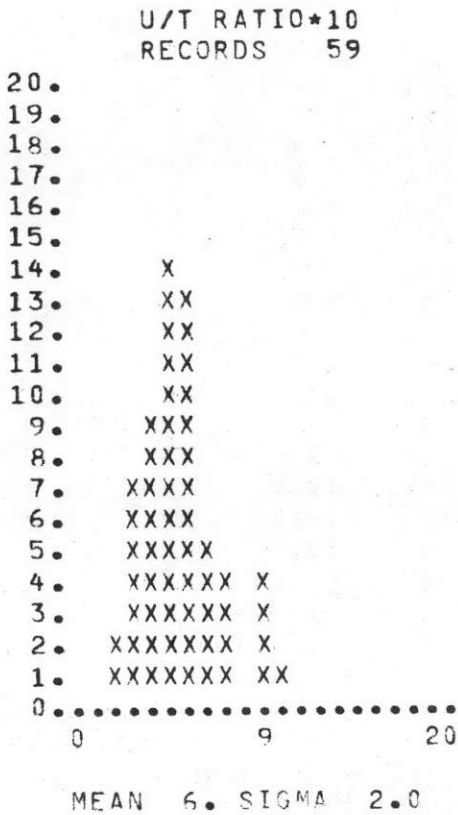
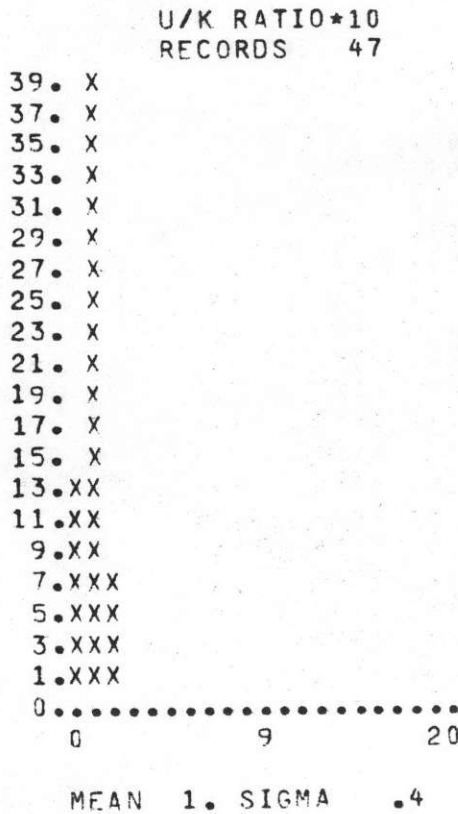
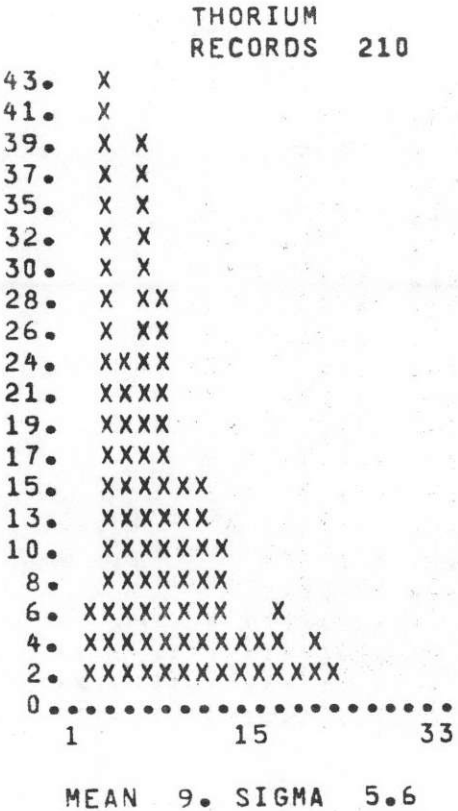
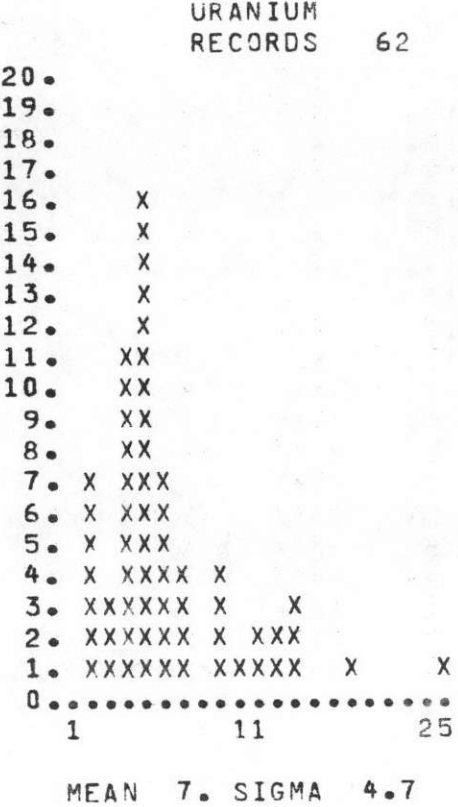
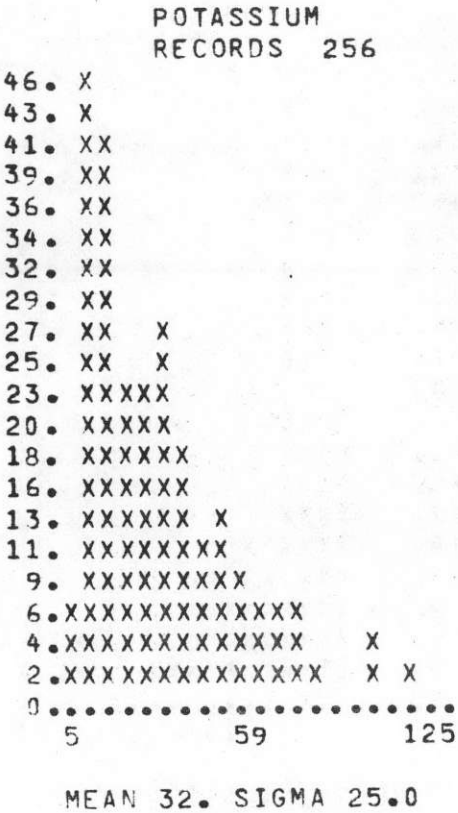


MEAN 5. SIGMA 1.7



MEAN 3. SIGMA 1.5

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GEOLOGIC UNIT ICE



KENAI/SELDOVIA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
GEOLOGIC UNIT WATER

